

egistrar

THE BULLETIN

KENTUCKY STATE COLLEGE

VOL. 12 FRANKFORT, KY. NO. 1

Catalogue Edition

FOR THE TWO YEARS

1959-61



KENTUCKY STATE COLLEGE
FRANKFORT, KENTUCKY

Important for Prospective Students

1. Make room reservation early.
2. Have high school transcripts as well as credits earned at other colleges forwarded to the Registrar.
3. Enter on time.

How to Address Correspondence

For information concerning rooms, please write:
Office of the Dean of Men (Men).
Office of the Dean of Women (Women).

For inquiries concerning transcripts, admissions, courses of study, bulletins, etc., write:
Office of the Dean and Registrar.

For information concerning student employment, write:
Chairman, Committee on Scholarships and Part-Time Employment.

Vol. 12 THE BULLETIN No. 1

**FIFTY-NINTH
CATALOGUE EDITION**

**KENTUCKY STATE
COLLEGE**

FRANKFORT



**Announcements for
1959-60
1960-61**

40800

YEARLY CALENDAR

1959

SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5	1 2 3	1 2 3 4 5 6 7	1 2 3 4 5
6 7 8 9 10 11 12	4 5 6 7 8 9 10	8 9 10 11 12 13 14	6 7 8 9 10 11 12
13 14 15 16 17 18 19	11 12 13 14 15 16 17	15 16 17 18 19 20 21	13 14 15 16 17 18 19
20 21 22 23 24 25 26	18 19 20 21 22 23 24	22 23 24 25 26 27 28	20 21 22 23 24 25 26
27 28 29 30	25 26 27 28 29 30 31	29 30	27 28 29 30 31

1960

JANUARY	FEBRUARY	MARCH	APRIL
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2	1 2 3 4 5 6	1 2 3 4 5	1 2
3 4 5 6 7 8 9	7 8 9 10 11 12 13	6 7 8 9 10 11 12	3 4 5 6 7 8 9
10 11 12 13 14 15 16	14 15 16 17 18 19 20	13 14 15 16 17 18 19	10 11 12 13 14 15 16
17 18 19 20 21 22 23	21 22 23 24 25 26 27	20 21 22 23 24 25 26	17 18 19 20 21 22 23
24 25 26 27 28 29 30	28 29	27 28 29 30 31	24 25 26 27 28 29 30
31			

MAY	JUNE	JULY	AUGUST
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6 7	1 2 3 4	1 2	1 2 3 4 5 6
8 9 10 11 12 13 14	5 6 7 8 9 10 11	3 4 5 6 7 8 9	7 8 9 10 11 12 13
15 16 17 18 19 20 21	12 13 14 15 16 17 18	10 11 12 13 14 15 16	14 15 16 17 18 19 20
22 23 24 25 26 27 28	19 20 21 22 23 24 25	17 18 19 20 21 22 23	21 22 23 24 25 26 27
29 30 31	26 27 28 29 30	24 25 26 27 28 29 30	28 29 30 31
	31	31	

SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3	1	1 2 3 4 5	1 2 3
4 5 6 7 8 9 10	2 3 4 5 6 7 8	6 7 8 9 10 11 12	4 5 6 7 8 9 10
11 12 13 14 15 16 17	9 10 11 12 13 14 15	13 14 15 16 17 18 19	11 12 13 14 15 16 17
18 19 20 21 22 23 24	16 17 18 19 20 21 22	20 21 22 23 24 25 26	18 19 20 21 22 23 24
25 26 27 28 29 30	23 24 25 26 27 28 29	27 28 29 30	25 26 27 28 29 30 31
	30 31		

1961

JANUARY	FEBRUARY	MARCH	APRIL
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6 7	1 2 3 4	1 2 3 4	1
8 9 10 11 12 13 14	5 6 7 8 9 10 11	5 6 7 8 9 10 11	2 3 4 5 6 7 8
15 16 17 18 19 20 21	12 13 14 15 16 17 18	12 13 14 15 16 17 18	9 10 11 12 13 14 15
22 23 24 25 26 27 28	19 20 21 22 23 24 25	19 20 21 22 23 24 25	16 17 18 19 20 21 22
29 30 31	26 27 28	26 27 28 29 30 31	23 24 25 26 27 28 29
			30

MAY	JUNE	JULY	AUGUST
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6	1 2 3	1	1 2 3 4 5
7 8 9 10 11 12 13	4 5 6 7 8 9 10	2 3 4 5 6 7 8	6 7 8 9 10 11 12
14 15 16 17 18 19 20	11 12 13 14 15 16 17	9 10 11 12 13 14 15	13 14 15 16 17 18 19
21 22 23 24 25 26 27	18 19 20 21 22 23 24	16 17 18 19 20 21 22	20 21 22 23 24 25 26
28 29 30 31	25 26 27 28 29 30	23 24 25 26 27 28 29	27 28 29 30 31
		30 31	

KENTUCKY STATE COLLEGE
FRANKFORT, KENTUCKY

THE COLLEGE CALENDAR

1959-1960

FIRST SEMESTER

1959

September 14-15	Monday and Tuesday—Freshman Orientation. September 14—Program begins 8:30 A.M. Attendance required of all Freshmen.
September 14	Monday—Practice School opens.
September 16	Wednesday—8:00 A.M.-4:30 P.M.—Registration for all students, Jackson Hall. After 4:30 P.M. students who are accepted for registration must pay a late registration fee.
September 18	Friday—Instruction begins—8:00 A.M.
September 24	Thursday—Last day of registration for credit, 12:00 noon.
October 9	Friday—Last day one may drop a course with- out a grade.
October 11	Sunday—Founders Day.
November 11-12	Wednesday and Thursday—Mid-Semester ex- aminations.
November 25	Wednesday — Thanksgiving Holiday begins, 12:00 noon.
November 30	Monday—Classes resumed, 8:00 A.M.
November 30- December 3	Monday through Thursday—Pre-registration: Second Semester for Freshmen and Soph- omores.
December 18 1960	Friday—Christmas Holiday begins, 12:00 noon.
January 4	Monday—Classes resumed, 8:00 A.M.
January 22, 25, 26, 27	Friday, Monday, Tuesday, and Wednesday — Final examinations for all students.

1959-60

SECOND SEMESTER

February 2	Tuesday—8:00 A.M.-4:30 P.M.—Registration for all students, Jackson Hall. After 4:30 P.M. students who are accepted for registration must pay a late registration fee.
February 3	Wednesday—Instruction begins, 8:00 A.M.
February 9	Tuesday — Last day of registration for credit, 12:00 noon.

February 24	Wednesday—Last day one may drop a course without a grade.
March 23-24	Wednesday and Thursday — Mid-Semester examinations.
April 5	Tuesday—Last day Seniors may file application for degree.
April	Wednesday—K.E.A. (To be announced)
May 20	Friday—Annual Musical Recital, 8:00 P.M.
May 21	Saturday—Junior-Senior Prom.
May 23-24	Monday and Tuesday — Senior examinations.
May 24	Tuesday — Commencement Exercises, Practice School.
May 24-27	Tuesday, Wednesday, Thursday, and Friday — Final examinations for all students except graduating Seniors.
May 27	Friday — Practice School closes.
May 28	Saturday — Senior Class Day.
May 28	Saturday — Alumni Day.
May 28	Saturday — President's Reception to Seniors, Parents, and Alumni, 7:00 P.M.—9:00 P.M.
May 29	Sunday — Commencement Convocation, 4:00 P.M.

1960

SUMMER SCHOOL
JUNE 6 — JULY 30

KENTUCKY STATE COLLEGE
FRANKFORT, KENTUCKY
THE COLLEGE CALENDAR

1960-1961

FIRST SEMESTER

1960	
September 12-13	Monday and Tuesday — Freshman Orientation.
September 12	Program begins 8:30 A.M. Attendance required of all Freshmen.
September 12	Monday — Practice School opens.
September 14	Wednesday — 8:00 A.M.-4:30 P.M.—Registration for all students, Jackson Hall. After 4:30 P.M. students who are accepted for registration must pay a late registration fee.
September 16	Friday — Instruction begins — 8:00 A.M.
September 22	Thursday — Last day of registration for credit, 12:00 noon.
October 7	Friday — Last day one may drop a course without a grade.
October 11	Tuesday — Founders Day.
November 9-10	Wednesday and Thursday — Mid-Semester examinations.
November 23	Wednesday — Thanksgiving Holiday begins, 12:00 noon.
November 28	Monday — Classes resumed, 8:00 A.M.
November 28-	Monday through Thursday — Pre-registration:
December 1	Second Semester for Freshmen and Sophomores.
December 16	Friday — Christmas Holiday begins, 12:00 noon.
1961	
January 2	Monday — Classes resumed, 8:00 A.M.
January 20, 23, 24, 25	Friday, Monday, Tuesday, and Wednesday — Final examinations for all students.

1960-61

SECOND SEMESTER

January 31	Tuesday — 8:00 A.M.-4:30 P.M. — Registration for all students, Jackson Hall. After 4:30 P.M. students who are accepted for registration must pay a late registration fee.
February 1	Wednesday — Instruction begins, 8:00 A.M.

February 7	Tuesday — Last day of registration for credit, 12:00 noon.
February 22	Wednesday — Last day one may drop a course without a grade.
March 22-23	Wednesday and Thursday — Mid-Semester examinations.
April 4	Tuesday — Last day Seniors may file application for degree.
April	Wednesday — K. E. A. (To be announced)
May 19	Friday — Annual Musical Recital, 8:00 P.M.
May 20	Saturday — Junior-Senior Prom.
May 22-23	Monday and Tuesday — Senior examinations.
May 23	Tuesday — Commencement Exercises, Practice School.
May 23-26	Tuesday, Wednesday, Thursday, and Friday — Final examinations for all students except graduating Seniors.
May 26	Friday — Practice School closes.
May 27	Saturday — Senior Class Day.
May 27	Saturday — Alumni Day.
May 27	Saturday — President's Reception to Seniors, Parents, and Alumni, 7:00 P.M.-9:00 P.M.
May 28	Sunday — Commencement Convocation, 4:00 P.M.

1961

SUMMER SCHOOL
JUNE 5 — JULY 29

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PART I GOVERNMENT CONTROL ORGANIZATION

GOVERNMENT AND CONTROL

Under the provision of legislation enacted by the 1956 General Assembly of Kentucky, the control of Kentucky State College is vested in a Board of Regents. This Board is composed of the State Superintendent of Public Instruction, elected for a term of four years, and six lay members, appointed by the Governor for overlapping four-year terms.

BOARD OF REGENTS

ROBERT R. MARTIN, Superintendent of Public Instruction
Chairman

J. RAY BINFORD, Versailles
Term expires March 31, 1963

DEWEY DANIEL, Hazard
Term expires March 31, 1960

MONSEIGNEUR JOSEPH A. O'DWYER, Frankfort
Term expires March 31, 1963

J. E. HANKINS, Louisville
Term expires March 31, 1962

NELSON O'NEAL, Lexington
Term expires March 31, 1961

MRS. CRAIG SCHMIDT, Shelbyville
Term expires March 31, 1963

The external government and control of the college is vested in the Board of Regents. The said Board shall adopt such rules and regulations for the government of the school and guidance of the employees as it may deem proper.

THE PRESIDENT OF THE COLLEGE

Immediate executive control of the college is effected through the president, the executive agent appointed by the Board. Subject to the control of the Board, he shall have general supervision of all educational and business affairs of the institution and of all disciplinary problems which may arise.

THE EXECUTIVE COUNCIL AND INSTRUCTIONAL FACULTY

The internal government of the institution is in the hands of the faculty who act through the Executive Council and Instructional Faculty. The Executive Council consisting of the president, dean and registrar, business manager, dean of students, librarians, deans of men and women, and five members elected by the general faculty, exercises jurisdiction over cases of discipline and formulates all general policies of the college, other than matters purely of an academic nature. The Executive Council is the highest internal governing body of the college.

The Instructional Faculty, consisting of the president, dean and registrar, heads of departments, and teachers, is charged with the formulation and direction of general academic policies and practices of the college. On matters of a purely academic nature, the Instructional Faculty is the final internal source of authority.

GENERAL ADMINISTRATION

RUFUS BALLARD ATWOOD

A. B., Fisk University; B. S., Iowa State College; M. A., University of Chicago; LL. D. (Hon.) Lane College; D. Ed. (Hon.) Monrovia College, Monrovia, W. Africa. Kentucky State College, 1929—
President

DAVID H. BRADFORD

A. B., University of Michigan; M. A., University of Michigan; Ph. D., University of Chicago. Kentucky State College, 1935—
Dean and Registrar

ANN JACKSON HEARTWELL HUNTER

A. B., University of Illinois; M. A., Columbia University. Kentucky State College, 1933-42; 1947—
Dean of Students

WILLIAM WARREN JONES

B. S., Johnson C. Smith College; M. S., Cornell University; Advanced Study, University of Michigan and University of Indiana. Kentucky State College, 1929—
Associate Professor and Acting Head of Department of Mathematics and Physics, College Chaplain

A. J. RICHARDS

A. B., State University of Iowa; M. A., State University of Iowa; Ph. D., University of Iowa. Kentucky State College, 1929—
Assistant Registrar

JAMES R. O'ROURKE

A. B., Talladega College; B. L. S., Atlanta University; M. L. S., University of Kentucky. Kentucky State College, 1949—*Librarian*

HERMAN S. STOVALL

B. S., West Virginia State College, 1951; M. S., University of West Virginia; Advanced Study, University of Kentucky. Kentucky State College, 1956—
Instructor, Department of Agriculture, Counselor of Men Students

ALFRED W. EASON

A. B., Clark College; M. S., Indiana University. Kentucky State College, 1948—
Business Manager

ELLA B. SCOTT

B. S., Kentucky State College; Graduate Study, University of Kentucky. Kentucky State College, 1947—
Assistant Business Manager and Bookkeeper

MARGARET R. BAKER

B. S., Winston-Salem Teachers College; Ed. M., North Adams Teachers College. Kentucky State College—
Library Clerk

DR. R. H. BIGGERSTAFF
B. S., Howard University; D. D. S., Howard University. Ken-
tucky State College, 1956— *Part-time School Dentist*

CLEOPAL BURTON
B. S., Kentucky State College. Kentucky State College, 1958—
General Clerk, Business Office

HELEN S. COX
Attended Kentucky State College and Tuskegee Institute.
Kentucky State College, 1957— *Acting Dietitian*

CHARLES G. DOUTHITT
B. S., Kentucky State College. Kentucky State College, 1957—
Farm Superintendent

HETTIE J. ELLIS
A. B., Simmons University. Kentucky State College, 1952—
Director of Chandler Hall

ANITA M. FIELDS
A. B., Kentucky State College. Graduate study, Indiana Uni-
versity. Kentucky State College, 1929-43; 1948—
*Recorder, Placement Director
Office of the Dean and Registrar*

WILLIAM H. GOODWIN
A. B., Kentucky State College; Graduate Study, Indiana Uni-
versity. Kentucky State College, 1956—
Director of Public Relations

JOE CATHERINE GRAY
B. S., Kentucky State College. Kentucky State College, 1952—
Secretary to Dean of Students

ODESSA GREEN
A. B., Kentucky State College. Kentucky State College, 1952—
Director of Kentucky Chandler Halls

BARBARA L. LYNEM
B. S., Kentucky State College. Kentucky State College, 1958—
Processing Clerk, Business Office

MARGARET M. MONIE
Attended Freedman's Hospital. Kentucky State College, 1948—
Nurse's Aid

VALADA L. MOSES
B. S., Kentucky State College; Graduate Study, University of
Kentucky. Kentucky State College, 1954—
Secretary to the Business Manager

MARY E. OGLESBY
Attended Hampton Institute and Kentucky State College. Ken-
tucky State College, 1957— *Director of Atwood Hall*

*VIVIAN A. RAINES
B. S., Kentucky State College; Graduate Study, Indiana Uni-
versity and Freedman's Hospital. Kentucky State College, 1953—
Dietitian

JAMES W. REED
Certificate, St. Helena Commercial College. Kentucky State
College, 1955— *Student Accounts Clerk*

PAULINE R. REID
B. S., Kentucky State College; Graduate Study, University of
Kentucky. Kentucky State College, 1956—
Secretary to Dean and Registrar

ALLIE MAE RICHARDS
A. B., Kentucky State College. Kentucky State College, 1945—
Assistant Dietitian

ALMA ALLEN RICHARDSON
B. S., University of Colorado. Kentucky State College, 1945—
Secretary of Duplication

JESSIE P. ROACH
A. B., Kentucky State College. Kentucky State College, 1941—
Director of Kentucky Hall

GLENNA M. ROBINSON
Attended Kentucky State College. Kentucky State College,
1956— *Cashier, Business Office*

ELIZABETH SAMUELS
R. N., Providence Hospital. Kentucky State College, 1957—
Registered Nurse

WILLIAM T. SIMMONS
B. S., Kentucky State College. Kentucky State College, 1948—
Secretary to President

DR. WILLIAM S. SNYDER, JR.
A. B., College of William and Mary; M. D., University of Chi-
cago; Master of Surgery, University of Pennsylvania. Kentucky
State College, 1954— *School Physician*

LOIS STOVALL
Attended West Virginia State College and Youngstown College.
Kentucky State College, 1957— *Director of McCullin Hall*

*On leave for 1958-59

ZUELIA S. WAITERS
Attended Kentucky State College. Kentucky State College,
1953—
Clerk-Typist, Office of the Dean and Registrar

VELMA J. WILLIAMS
Diploma, West Kentucky Vocational School. Kentucky State
College, 1957—
Processing Clerk, Business Office

LILLIAN T. WRIGHT
B. S., Alabama State Teachers College; M. S., Library Service,
Atlanta University. Kentucky State College, 1949—
Circulation and Reference Librarian

FACULTY

RUFUS BALLARD ATWOOD
A. B., Fisk University; B. S., Iowa State College; M. A., Uni-
versity of Chicago; LL. D. (Hon.), Lane College; D. Ed. (Hon.),
Monrovia College, Monrovia, W. Africa. Kentucky State Col-
lege, 1929—
President

DAVID H. BRADFORD
A. B., University of Michigan; M. A., University of Michigan;
Ph. D., University of Chicago. Kentucky State College, 1935—
Dean and Registrar;
Professor, Department of History and Government

LLOYD E. ALEXANDER
B. S., University of Michigan; M. S., University of Michigan;
Ph. D., University of Rochester. Kentucky State College, 1949—
Professor and Head, Department of Biology

MABEL C. ATWOOD
B. S., Ohio State University. Kentucky State College, 1950—
Part-time Instructor, Department of Music

HARRY B. BAKER
A. B., Oberlin College; B. M., Syracuse University. Kentucky
State College, 1948—
Assistant Professor and Acting Head, Department of Music

ROSAIRENE J. BLACK
A. B., Kentucky State College; M. A., Atlanta University;
Advanced Study, University of Kentucky. Kentucky State College,
1958—
Critic Teacher of Upper Grades

MAZIE BOCLAIR
A. B., Kentucky State College; M. S. in Education, University
of Kentucky; Advanced Study, University of Kentucky. Kentucky
State College, 1954—
Critic Teacher of Primary Grades

JAMES B. BROWN
A. B., Lincoln University; A. M., Columbia University; Ad-
vanced Study, University of Chicago. Kentucky State College,
1948—
Assistant Professor, Department of Chemistry
Head Basketball Coach

HENRY E. CHEANEY
A. B., Kentucky State College; M. A., University of Michigan;
Advanced Study, University of Chicago. Kentucky State College,
1936—
Associate Professor, Department of History and Government

ORA MAE CHEANEY
B. S., Kentucky State College; M. S., Indiana University; Ad-
vanced Study, University of Kentucky. Kentucky State College,
1957—
Instructor, Department of Home Economics

WILLIAM L. CRUMP
B. S., Lincoln University, (Mo.); M. A., Northwestern University;
Ph. D., Northwestern University. Kentucky State College, 1958—
Professor and Head, Department of
Business Administration and Economics

RUBY F. DIXON
B. S., Prairie View State College; M. A., in Education, University
of Kentucky. Kentucky State College, 1948—
Instructor of Music

WILLIAM L. DIXON
B. S., Morehouse; M. S., Atlanta University; Advanced Study,
University of Kansas and University of Iowa. Kentucky State
College, 1944—
Associate Professor, Department of Biology

ANNIE W. EATON
B. S., Winston Salem Teachers College; Dressmaking Certificate,
Pratt Institute; M. A., Columbia University; Advanced Study, Iowa
State College. Kentucky State College, 1958—
Instructor in Clothing,
Department of Home Economics

HELEN C. EXUM
A. B., Talladega College; A. M., University of Michigan; Ad-
vanced Study, University of Wisconsin, University of Oklahoma.
Kentucky State College, 1952—
Instructor, Department of
Languages and Literature

WILLIAM EXUM
B. S., University of Wisconsin; M. S., University of Wisconsin;
Ed. D., New York University. Kentucky State College, 1949—
Professor and Head, Department of
Health and Physical Education

JOSEPH G. FLETCHER
B. S., Hampton Institute; M. A., Cornell University; Advanced
Study, Columbia University. Kentucky State College, 1945—
Associate Professor, Department of Languages and Literature

WINONA LEE FLETCHER

A. B., Johnson C. Smith University; M. A., State University of Iowa; Advanced Study, University of Kentucky. Kentucky State College, 1953—*Instructor, Department of Languages and Literature*

BROOKS GILES, JR.

B. S., Maryland State College, Graduate Study, Ohio State University. Kentucky State College, 1958—*Instructor, Department of Vocational and Industrial Education*

JOE W. GILLIAM

B. S., West Virginia State College; Graduate Study, University of Kentucky. Kentucky State College, 1957—*Head Coach of Football and Instructor, Department of Health and Physical Education*

HENRY A. GREEN

B. M., West Virginia State College; M. A., West Virginia University. Kentucky State College, 1948—*Assistant Professor, Department of Music*

MAXINE HARRIS

A. B., Southern University. Kentucky State College, 1957—*Instructor, Department of Languages and Literature*

MARVIN L. HEAD

A. B., University of Southern California; M. A., Atlanta University; Ph. D., New York University; Certificate in Clinical Psychology, Creedmoor Institute for Psychobiologic Studies. Kentucky State College, 1958—*Professor of Psychology and Director of Testing and Educational Research*

EMILIE S. HIGH

B. S., Tuskegee Institute; M. A., Ohio State University; Advanced Study, Ohio State University. Kentucky State College, 1954—*Instructor, Teacher-Trainer, and Acting Head of Department of Home Economics*

MINNIE JOHNSON HITCH

A. B., Kentucky State College; M. A., Ohio State University; Advanced Study, University of Chicago. Kentucky State College, 1939—*Principal of Rosenwald Laboratory School*

HELEN F. HOLMES

A. B., Bucknell University; M. A., Columbia University; Advanced Study, Ohio State University and New York University. Kentucky State College, 1943—*Associate Professor, Department of Languages and Literature*

ANN JACKSON HUNTER

A. B., University of Illinois; M. A., Columbia University; Advanced Study, Northwestern University and University of Cincinnati. Kentucky State College, 1933-42; 1947—*Associate Professor, Department of Education-Psychology*

WILLIAM WARREN JONES

B. S., Johnson C. Smith College; M. S., Cornell University; Advanced Study, University of Michigan and University of Indiana. Kentucky State College, 1929—*Associate Professor and Acting Head, Department of Mathematics and Physics*

BERNICE E. LOTT

A. B., M. A., Ph. D., University of California, Los Angeles; Special Education Certificate for Teaching the Mentally Retarded, University of Redlands. Kentucky State College, 1958—*Part-time Associate Professor, Department of Education-Psychology*

LEOLA E. MADISON

B. S., Hampton Institute; M. A., Marshall College; Advanced Study, West Virginia University. Kentucky State College, 1958—*Instructor, Department of Business Administration*

PAUL J. MANLY

B. S., A. M. and N. College, Arkansas; M. A., Michigan State College; Advanced Study, Michigan State College. Kentucky State College, 1943—*Assistant Professor, Teacher-Trainer, and Acting Head, Department of Agriculture*

HERBERT E. OLIVERA

B. S., Kentucky State College; M. A., New York University; Advanced Study, New York University. Kentucky State College, 1955—*Assistant Professor, Department of Business Administration*

EUGENE D. RAINES

B. S., Howard University; M. A., Fisk University; M. A., Indiana University; Ph. D., Indiana University. Kentucky State College, 1938—*Professor and Head, Department of Chemistry*

A. J. RICHARDS

A. B., State University of Iowa; A. M., State University of Iowa; Ph. D., State University of Iowa. Kentucky State College, 1929—*Professor and Head, Department of Languages and Literature*

KORDELLA A. SCOTT

B. S. in Ed., Hampton Institute; Graduate Study, Springfield College, Springfield, Massachusetts. Kentucky State College, 1957—*Instructor, Department of Health and Physical Education*

W. FRANK SHAUNTEE

B. S., Knoxville College; M. S., Indiana State Teachers College; Advanced Study, Indiana State Teachers College. Kentucky State College, 1946—*Acting Head, Assistant Professor, Department of Vocational and Industrial Education*

PATTYE L. SIMPSON

A. B., Kentucky State College; M. A., Columbia University; Advanced Study, University of Cincinnati and McGill University. Kentucky State College, 1931—*Assistant Professor, Department of Education-Psychology*

CARL H. SMITH

B. M. Ed., Lincoln University (Mo.); M. Mus., Tulsa University. Kentucky State College, 1958—*Instructor, Department of Music*

HAROLD S. SMITH

A. B., Kentucky State College; M. A., University of Wisconsin; Ph. D., University of Wisconsin. Kentucky State College, 1936—*Professor and Head, Department of History and Government*

HERMAN S. STOVALL

B. S., West Virginia State College; M. S., University of West Virginia; Advanced Study, University of Kentucky. Kentucky State College, 1956—*Instructor, Department of Agriculture*

ARCHIE L. SURRATT

B. S., Arkansas A. M. and N. College; M. S., Michigan State College; Advanced Study, Michigan State College. Kentucky State College, 1948—*Instructor, Department of Agriculture*

PAUL W. THOMAS

B. S., West Virginia State College; Graduate Study, University of Kentucky. Kentucky State College, 1957—*Instructor, Department of Biology; Head Coach of Track, Assistant Coach of Football; Assistant to the Director of Publicity*

ALDRED VAN IRVIN

A. B., Fisk University; M. S., University of Michigan; Advanced Study, University of Illinois. Kentucky State College, 1952—*Assistant Professor, Department of Mathematics and Physics*

JACQUELYN WALTON

B. S., Fisk University; M. A., New York University. Kentucky State College, 1958—*Instructor, Department of Health and Physical Education*

ROBERT D. WILLIAMS

A. B., Kentucky State College; M. S., Indiana University. Kentucky State College, 1953—*Instructor of Physical Education, Assistant Football Coach*

CHARLOTTE E. WILSON

A. B., Knoxville College; M. A., Columbia University; Advanced Study, University of Chicago and University of California. Kentucky State College, 1935—*Assistant Professor, Department of Education-Psychology*

G. D. WILSON

A. B., Indiana University; M. A., Columbia University; Ph. D., Ohio State University. Kentucky State College, 1951—*Professor and Head, Department of Education-Psychology*

ANNA L. WOLFE

B. S., Kentucky State College; Graduate Study, University of Kentucky. Kentucky State College, 1958—*Critic Teacher of Intermediate Grades*

ARNOLD W. WRIGHT

B. S., Alabama State College; M. A., Atlanta University; Advanced Study, University of Wisconsin. Kentucky State College, 1936—*Assistant Professor, Department of Sociology*

RAYTHA L. YOKLEY

A. B., Kentucky State College; A. M., University of Indiana; Ph. D., University of Indiana. Kentucky State College, 1956—*Professor and Head, Department of Sociology*

PART II
GENERAL INFORMATION

AIMS OF THE COLLEGE

The aims of Kentucky State College are:

1. To prepare persons for teaching, primarily in the public educational system of Kentucky.
2. To prepare persons for professional positions in Vocational Agriculture and Vocational Home Economics.
3. To prepare persons for clerical, secretarial, technical and managerial positions in business and commerce.
4. To prepare persons for entrance into graduate and professional study.
5. To develop in the individual those qualities which are necessary for effective living in present day society.

ACCREDITATION

The College is accredited by or holds membership in the following educational agencies:

Southern Association of Colleges and Secondary Schools
Kentucky State Department of Education
National Council for Accreditation of Teacher Education
American Association of Colleges for Teacher Education

Graduates of the College will be accepted and their credits honored by other accredited institutions for graduate study, professional placement, and employment.

HISTORY OF THE COLLEGE

Kentucky State College was founded as a result of an act passed by the General Assembly of Kentucky in 1886, providing for the establishment of a State Normal School for Colored Persons, as the institution was then named. This action had the approval of Governor J. Proctor Knott who signed the act on May 18, 1886. The people of Frankfort were keenly interested in having the institution located in their city and through their City Council a site and \$1,500.00 were donated toward that end.

In the next year, 1887, Jackson Hall, the oldest building on the campus, was erected on the site given by the Frankfort City Council. John H. Jackson, A.M., from Berea College, was elected as first president. The school opened its doors on October 11, 1887, with three teachers and fifty-five students enrolled during the first school year.

The consistent growth and development of the institution throughout its history have been marked by the following events:

In 1890 were added the departments of Home Economics, Agriculture and Mechanics. In the spring of that year the school turned out its first graduates, a class of five. In 1893 a high school was organized. This expansion continued in the 20th

century, both in name and program. In 1902 the name was changed to Kentucky Normal and Industrial Institute for Colored Persons, and the president was made an ex-officio member of the Board of Trustees. In 1908 a Practice School was organized. The next year Hume Hall and Hathaway Hall were erected. In 1911 the school had its first Summer School. In 1921, through a gift from Mr. Julius Rosenwald, a new brick school was erected for Practice Teaching. In 1926 the name of the school was again changed to Kentucky Industrial College for Colored Persons and provisions made in the statutes that the President be elected for a term of four years. In 1938 the name was changed to Kentucky State College for Negroes. In 1952 the term "for Negroes" was dropped from the title of the institution and the General Assembly made the college an independent institution under its own Board of Regents.

The college has been under the direction of six presidents:

John H. Jackson, 1887-1898, 1907-1910; James E. Givens, 1898-1900; James S. Hathaway, 1900-1907, 1910-1912; G. P. Russell, 1912-1923, 1924-1929; F. M. Wood, 1923-1924 and R. B. Atwood, 1929—.

LOCATION

Kentucky State College is located in Frankfort, on a beautiful hill overlooking the city. Its campus consists of about thirty-five acres of rolling land, beautifully studded with evergreen and deciduous shade trees. Its farm, consisting of two hundred sixty-five acres of choice bluegrass land, adjoins the campus.

The Louisville and Nashville Railroad, carrying not only its own trains, but those of the Chesapeake and Ohio Railroad Company, passes through this farm.

The U. S. Highway No. 60 passes between the campus and farm, forming a dividing line between them. Entrances to both campus and farm are located on this thoroughfare.

BUILDINGS AND EQUIPMENT

GEORGE WASHINGTON CARVER HALL

In 1952 George Washington Carver Hall, a science-classroom building, was dedicated and placed in use.

Facilities in this building include the following:

General Laboratory, Radio Laboratory, Dark Room, Research Laboratory, Stock Room and Staff Offices for Physics;

General Laboratory, Bacteriology Laboratory, Histology and Cytology Laboratory, Research Laboratory, Stock Room and Staff Offices for Biology;

Inorganic and Quantitative Laboratory, Organic and Physical Laboratory, Inorganic and Qualitative Laboratory, Special Equipment Laboratory, Balance Room, Research Laboratory, Stock Rooms, Alcohol Vault and Staff Offices for Chemistry;

Multi-purpose Lecture Hall seating 144; arranged for demonstration lectures; includes Projection Booth, Preparation Rooms and Laboratory Equipment;

Seven classrooms: Mathematics, Languages and Literature, Sociology, History and Government and General Education; Offices for Department Heads and other members of the Faculty;

Mechanical Room, Electrical Room, Visual Aids, Toilet Rooms, Toilet Lounges and Service Closets.

The building is of complete fireproof construction and includes many modern features.

PAUL G. BLAZER LIBRARY

Construction of the Library began in September 1958. The building is one-story with a one-half to fully usable basement. It will provide book stack area to accommodate 60,000 volumes and seating space fully adequate for the enrollment. In addition, there are a conference room, staff lounge, processing room, office, curriculum library, three listening booths, film projection room, browsing rooms and an audio-visual room. Total cost of the building, furniture, and furnishings is approximately \$250,000.

The Library seeks to provide suitable atmosphere for study and make its services contribute as effectively as possible to the total teaching program, and also to fill the needs for recreational reading of both students and faculty.

Library schedule: Monday through Thursday, 8 a.m. to 9 p.m.; Friday, 8 a.m. to 5 p.m.; Saturday 8 a.m. to 12 noon.

UNDERWOOD STUDENT UNION BUILDING

The Underwood Student Union was first built as the Underwood Dining Hall in 1939, and was valued at \$288,089. In 1958 a number of conversions and improvements were made and furnishings added at a cost of \$212,732. The present value of the plant is \$500,821.

The building includes a kitchen and cafeteria, grill-snackbar, recreation room, lounge, bookstore, offices for Dean of Students, Student Council, Student publications, conference room, and three private dining rooms.

CHANDLER HALL

Chandler Hall is a modern, three-story, fire-proof, brick dormitory for women, erected in 1939. The first floor contains a lobby, reception room, office for the director, a small kitchenette and diner for the use of various clubs and sororities, apartment for the Director and 14 student rooms. The second floor contains a girls' lounge, reading room, pressing and drying room, beauty parlor, and 16 student rooms. The third floor contains 18 student rooms. The basement contains one large club room, and ample room for storing trunks. Bathrooms are located conveniently throughout the building.

KENTUCKY HALL

Kentucky Hall is a two-story, double-L shaped, modern, fire-proof, brick dormitory for women, which has a basement and sub-basement. It was erected in 1929.

The building contains fifty-two student rooms, Director's apartment, and a student reception room. In the basement is the club room.

The Business Office is located on the ground floor of Kentucky Hall.

There is ample space in the attic for the storage of trunks.

JACKSON RECITATION HALL

Jackson Recitation Hall is a two-story, brick building of the German Castle style, erected in 1887. It was the first building erected at the institution. This hall serves as classroom building and contains on the first floor the office of the Dean and Registrar, and two lecture rooms. On the second floor are five lecture rooms.

ATWOOD HALL

Atwood Hall is a modern, three-story, double-L shaped, fire-proof dormitory for men students. It was erected in 1935.

The first floor contains 10 student rooms, 2 club rooms for students, a spacious lobby, a 5-room apartment for the Dean of Men, office for the Dean of Men and Director, two guest rooms, rooms for men teachers, linen closets, and centrally located bathrooms.

The second and third floors contain 30 bedrooms each, with 2 wardrobe closets, centrally located bathrooms, linen closets, janitor closets, and necessary halls and corridors. Ample space is provided in the trunk room for the storage of trunks.

McCULLIN HALL

This dormitory constructed in 1949 is the newest dormitory on the campus. It consists of three stories and a basement. In the basement there are a lounge, a Y.M.C.A. room, two trunk storage rooms, a billiard room, a barber shop, a kitchen, a laundry room and a room for visiting athletic teams, large enough to accommodate 40 persons. On the first floor are a director's office, a lobby, an apartment for the dormitory director, 19 bedrooms for students, two guest rooms, and two washrooms with showers. On each of the second and third floors are located 28 bedrooms and two washrooms. The bedrooms have built-in closets and shelves in each room. There is a self operating elevator. The building is heated by radiant heating through the floor.

RUSSELL MEMORIAL HALL

Russell Memorial Hall is a three-story brick dormitory which contains, on second and third floors, sixteen rooms and two kitchens for women teachers. On the first floor are two faculty apartments and a reception room for the teachers. The basement contains a faculty recreation room, a service kitchen, laundry and storeroom. The building was erected in 1920 and renovated in 1947.

HOME ECONOMICS MANAGEMENT COTTAGE

The Home Economics Department operates a 7-room frame bungalow as a laboratory for home management classes. It contains 2 student bedrooms that accommodate 4 students, a bedroom for the director, living room, dining room, kitchen, bath, and front and back porches. This dwelling is neatly furnished and equipped with modern conveniences.

HUME HALL

Hume Hall is a two-story, native Kentucky stone building, erected in 1909. It houses on the first floor, the office of the President and the Library. The second floor is the school auditorium with a seating capacity of 582.

BELL GYMNASIUM

Bell Gymnasium is a brick building, erected in 1931. This building houses the department of Physical and Health Education. It has a basketball court, courts for various indoor games, a stage for dramatic presentations, projection equipment for moving pictures, offices for men and women instructors, dressing rooms, lockers, and shows for both men and women.

MUSIC HALL

This is a two-story home which has been converted into the Music Department for the College. The first floor contains an

office for the Director, two studios and two practice rooms. Living quarters for a member of the Music faculty are contained on the second floor. The basement contains a heating unit and band practice room.

HATHAWAY HALL

Hathaway Hall is a two-story, native Kentucky stone building erected in 1909. The interior of this building was redecorated in 1955.

On the first floor are the Department of Agriculture and three lecture rooms. The entire second floor is used for the Department of Home Economics. There are clothing and food laboratories equipped with modern furnishings. The dining room adjoins the food laboratory. In addition there is a lecture room and the office for instructors of Home Economics.

In the basement of this building are housed the Maintenance and Repair Shop and the office of the Superintendent of Buildings and Grounds. The annex to this building houses the Army Military Reserve Unit.

BUSINESS BUILDING

This is a war surplus building used primarily at present for instruction in business education. The first floor consists of two classrooms, a typing laboratory, a day room, and an office. A large room on the second floor is used as a center for visual-aid education. Also on the second floor are a seminar room and three offices for teachers.

INDUSTRIAL ARTS SHOP BUILDING

The Industrial Arts Shop Building was erected by the Federal Works Agency in 1947. The metal work laboratory is equipped with lathes, shapers, grinders, welding equipment, testing equipment and other modern machinery for metal work. The wood-work laboratory is equipped with lathes, sanders, power saws, other power equipment and numerous hand tools necessary for a modern wood-work shop. The radio shop is equipped with modern testing instruments and tools for radio and electronic testing and repairing. The building also has classrooms and an office for instructors. Rest rooms are conveniently located in this building.

FARM BUILDINGS AND EQUIPMENT

The farm dormitory is a dwelling built on the order of the old southern plantation home. It is conveniently located close to the campus and affords a picture of scenic beauty when seen from the campus over the rolling land. It has accommodations for twenty boys, apartment for the farm foreman, and one other apartment.

One large barn serves the school in general as shelter for its animals and storage for feed crops. Located on the farm is a milk processing plant. One large modern building houses the college poultry plant. There are several small poultry houses, hog houses, et cetera.

ROSENWALD TRAINING SCHOOL

A donation of \$1,200.00 by Julius Rosenwald of Chicago, supplemented by liberal contributions from the citizens of Franklin County, enabled the Trustees of the College to erect a modern rural school building which serves the three-fold purpose of a rural school, a practice school for teacher-training, and a community center. The building is of brick construction, and is heated by a furnace. Four acres of ground surround the building and are used for a playground.

ROSENWALD ELEMENTARY LABORATORY SCHOOL

This building was completed in 1954. The building is one story and of brick and tile construction. The exterior is brick; the interior is glazed structural tile wainscoting and unglazed manganese spot above the wainscoting. The floors are concrete covered with asphalt tile blocks. The building has fluorescent lighting and adequate natural light for bright days. The ceilings are acoustically treated throughout. The building is heated by automatic gas furnace with radiant floor panels. Each room is provided with teachers closets and built-in steel lockers for pupils. There are three classrooms, library, and Industrial Arts room, Principal's office, kitchen, and cafeteria-all-purpose-social room with a stage, tables and benches that fold into the wall when necessary. Each room has an outdoor, as well as a hall exit. The lower-grade rooms have activity alcoves.

PRESIDENT'S RESIDENCE

An eight-room, two-story brick dwelling with full basement, erected in 1919.

FACULTY APARTMENTS AND COTTAGES

In 1948 the James S. Estill and James H. Ingram Apartments for faculty members were constructed. These two modern apartment buildings give the institution twelve additional family units along with apartments in the various dormitories and the several individual cottages the college possesses.

BETTY WHITE INFIRMARY

This is an F. W. A. building. Located in it are offices for the school doctor and for the school dentist. There is also a ten-bed ward for men and the same for women, together with an apartment and office for the resident nurse.

PAUL W. L. JONES FIELD HOUSE

The Paul W. L. Jones Field House is a one-story, concrete block building with a basement, erected in 1941 by students gaining work experience under the National Youth Administration. In 1947, it was renovated and now contains locker and shower rooms for athletic equipment, a room for visiting teams and toilets for both men and women.

COLLEGE BOILER HOUSE

The College Boiler House, erected in 1939 is a one-story, brick, fireproof building with a smoke stack 150 feet high. It is equipped for high pressure steam production and supplies heat and hot water for the campus buildings.

Annexed to the Boiler House is the Plumbing and Heating Repair Shop. The shop is equipped with modern power machinery necessary for plumbing and heating repairs.

OUTDOOR RECREATIONAL FACILITIES

The college provides outdoor recreational facilities for men and women students. There are 7 asphalt and 4 clay tennis courts. In the spring of 1950, a baseball diamond was constructed. Alumni Field was completely renovated in 1947, making it a modern football field surrounded by a running track. It is electrically lighted for night games.

STUDENT ORGANIZATIONS

Students find opportunities for expression and development through various voluntary student organizations. The following constitute a list of such organizations:

Alpha Kappa Mu Honor Society is designed to give recognition and encouragement to high scholarly attainment. Any student who is enrolled in any department of the College who maintains an average of 2.3 or better for four semesters of college work is eligible to become a member of this society.

Omega Chapter of the *Beta Kappa Chi Scientific Society* was organized at Kentucky State College, October 14, 1946. The objective of this Society is the encouragement and advancement of scientific education, research and dissemination of scientific knowledge.

Class Organizations are known as freshman, sophomore, junior, and senior. They usually meet monthly and provide opportunities for all students of the college to participate in debating, parliamentary practice, and extemporaneous discussions. Each of them is under the direct sponsorship of a member of the faculty.

Departmental Clubs are sponsored by instructional departments of the college. These groups provide a nucleus for the interaction of classroom instruction and extracurricular experiences and offer

wholesome outlets for creative expression. These clubs include the Biology Club, Business Administration Club, English Club, Home Economics Club, Health and Physical Education Club.

Dormitory Clubs are mediums through which students in the dormitories aid in the promotion of better living conditions. They are McCullin Hall Club and Atwood Hall Club for men students; Chandler Hall Club and Kentucky Hall Club for women students. These clubs aim to better acquaint the residents with each other; to reach students who fail to participate in other extra-curricular activities; and through house government to build up patterns of self-control.

The International Relations Club. In 1937 the Department of History and Government with the cooperation of the Carnegie Endowment for International Peace organized an International Relations Club. This organization is open to all students interested in problems of international peace and good will. The Endowment regularly supplies the club with the latest books and pamphlets on international affairs. The club has proved to be a source of information and inspiration for many students.

The *Modern Dance Group* is open to men and women students seriously interested in advanced techniques in modern dance and in doing original work in dance composition under direction.

Musical Organizations. Brief descriptions of the musical organizations of the College follow:

The *College Choir* seeks to increase the general appreciation for good music in the campus community. Members of the choir provide music for assemblies and services on the campus. The *Concert Choir* is a special organization whose members are selected from the personnel of the college choir. This group gives concerts on and off the campus and provides music for radio broadcasts and other functions not served by the college choir.

The *College Band* furnishes an opportunity for participation for students who have previous performing experience on band instruments. The band is organized as a concert and marching unit. It presents concerts on the campus and in the community; and performs for the football and basketball games. Membership is open to both men and women.

The *String Ensemble* is an instrumental organization of chamber music proportions. Its purpose is to foster appreciation of music by means of interesting programs, participation in small ensemble groups, and assisting in attaining better community programs.

The *Kentucky State Collegians* is open to students who can play orchestral instruments in a dance band. The Collegians play for all student socials and dances.

Collegiate Chapter of *New Farmers of America* is designed primarily for training prospective teachers of vocational agriculture in their duties as local advisers of New Farmers of America.

The Student National Education Association. The R. B. Atwood Chapter of *The Student National Education Association* is the professional organization of students who are enrolled in the teacher education curriculum of the college. The purposes are to develop among young people who are preparing to be teachers an organization which shall be an integral part of state and national educational associations. The local chapter encourages its members to participate in the campus activities which will contribute to the social and educational growth of future teachers.

Varsity K is an athletic organization composed of men and women who have been awarded letters in any of the recognized sports under the Athletic Department. Cooperativeness, initiative, leadership and good sportsmanship are some of the ideas fostered through this organization.

Veterans Club is a group made up of Ex-Service men. The purpose of this group is to promote and advance the general welfare of the school both on the campus and in the Veteran's respective communities. It is a social club providing an opportunity for veterans to get together and discuss matters of common interest to them.

WOMEN'S ATHLETIC ASSOCIATION

The purpose of this Association is to afford opportunities for participation in wholesome competitive recreational activities for women students. Through a wide variety of activities, the Association seeks to offer opportunity for women of the college to give healthful and creative expression to their activities.

FRATERNITIES AND SORORITIES

Beta Zeta Chapter of the Alpha Kappa Alpha Sorority was set up on Kentucky State College Campus February 25, 1933. The purpose of the sorority is to cultivate and encourage high ethical and scholastic standards among college women, and to establish unity and friendship among the more efficient college students, also among alumnae, keeping alive their interest in college life.

The Beta Mu Chapter of Alpha Phi Alpha Fraternity was set up on Kentucky State College campus April 28, 1933. This is a national organization, whose aims are for the promotion of the highest type of scholarship and manly deeds.

The Alpha Pi Chapter of the Delta Sigma Theta Sorority was organized at Kentucky State College April 30, 1934. This sorority aims to establish and maintain high standards of scholarship, morals and refinement among college women of a given calibre.

Psi Psi Chapter of the Omega Psi Phi Fraternity was set up at Kentucky State College November 9, 1934. It aims to promote a feeling of brotherhood and cooperation among college men.

The Alpha Upsilon Chapter of the Kappa Alpha Psi Fraternity was organized at Kentucky State College March 1, 1935. This fraternity aims at the highest achievement in scholarship, manly development of its members, and the general improvement of college life.

PANHELLENIC COUNCIL

The constitution of the Panhellenic Council sets forth the aims and purposes of that student organization as follows:

"To establish and develop a spirit of cooperation among the various fraternities and sororities on the campus, in order to foster a constructive program that will stimulate and guide each individual of the Greek letter organizations to follow the principles of fraternalism; and in order that the best interests of the college may be conserved."

STUDENT COUNCIL

Beginning with the academic year 1935-36, a Student Council became operative. The aims and purposes of the council as stated in its constitution are:

"To develop a spirit of cooperation on the campus, to encourage student initiative, to afford development through self-control and leadership, to create an intermediary between faculty and students in matters of general welfare, and to unite in forming an association of all the student body."

ATHLETICS

The college fosters a wholesome program of athletics. The major sports are inter-collegiate football, basketball, track and field and tennis. Intramural athletics include volleyball, basketball, aerial darts, badminton, shuffleboard, ping pong, softball, horseshoe pitching, and track and field. The college is a member of the Mid-Western Athletic Association, the National Association of Intercollegiate Athletics, and the National Collegiate Athletic Association (NCAA), and adheres strictly to the rules of these bodies.

DRAMATICS

The Kentucky State College Theatre gives opportunity for students with a talent for dramatics to participate in the production of several plays each year. These participants are known as the "Kentucky Players."

FORENSICS

Debate teams, for both men and women, are recognized in order to give students with this interest an opportunity. Inter-class

debates are held annually, and debating teams are selected from these participants. Such teams participate in a number of inter-collegiate debates held during the year. Students of the college who demonstrate to the satisfaction of the coach of debate and members of the Edmund Burke Debating Society a competence in forensics, are admitted to membership in this organization.

PUBLICATIONS

The Kentucky Thorobred

The Kentucky Thorobred is a student publication issued under the general supervision of a faculty member. Dependent entirely upon voluntary student effort for its publication, it is issued at the convenience of interested students and when adequate funds are available.

Yearbook

A student yearbook in pictures covering college and student activities is issued and distributed each year by a staff of students under the supervision of a faculty adviser. Cost of this yearbook is included in the college fees.

THE COLLEGE MOVIE

Presentation of the best movies is a regular feature of the college program. Movies are shown from one to two times per week.

SOCIAL LIFE

Social intercourse, properly supervised, is encouraged and emphasized in the college. In all the entertainments provided for students, the aim is to develop properly the social side of life.

RELIGIOUS OPPORTUNITIES

Realizing the great advantage of training the heart as well as the head and hands of its young men and women, thus awakening and quickening their sense of responsibility for others, members of the Y. W. C. A. conduct a Sunday School for small children residing on the campus and the neighborhood. A Y. M. C. A. and Y. W. C. A. are maintained. Aside from these the school holds mid-week religious services once a week and church services three times a month.

The Baptist Student Union

The Baptist Student Union is a youth organization for Baptists in higher institutions of learning. It serves the college community. It seeks to promote spiritual development of students through Christian comradeships, Bible study, prayer, church membership, denominational loyalty, and Kingdom advancement. The Baptist Student Union seeks to make college life Christian, spirituality preeminent, and student friendships happy.

The Wesley Club

The purpose of the Wesley Club is to deepen, enrich and mature the Christian faith of college men and women. It will attempt to lead members of the college community to accept Christ as their personal Savior; lead them to participate in the fellowship of Christian life on the campus; and, help them to achieve the richness of the Christian community. It attempts to develop local campus fellowships which are warm, deeply committed to Christ, and in which students and faculty can mutually strengthen one another in Christian thinking and living.

FINANCIAL ASSISTANCE TO STUDENTS

The expenses connected with attending Kentucky State College are intentionally kept as reasonable as possible, and compare quite favorably with those connected with attending any institution of equal rank and prestige. Kindly refer to the list of expenses printed elsewhere in this section of the catalogue.

Parents are encouraged to arrange to pay the students expenses in full so that the student will not have to take up study time in earning his way through school. College studies are difficult and students need much time for study and for the wholesome extra-curricular activities. A work-job may take up time that the student needs for study.

Even though the expenses are kept very reasonable, the college maintains a program of financial assistance for those who could not otherwise attend. The primary administration of this program is in the hands of a Committee on Scholarships and Part-time Student Employment. Any student, therefore, seeking aid must file proper application for such employment in addition to the application for admission to the college. Both of these forms may be secured from the Offices of the Dean and Registrar, Dean of Students, or President. Applications for any type of financial assistance must be filed not later than July 1, for proper consideration by the Committee for assistance for the following September. Students who have been assisted previously must re-apply each year, before July 1, forms for which are available in the Office of the Dean of Students.

PART-TIME STUDENT EMPLOYMENT

1. *Campus.* The College employs a limited number of students as typists, as well as helpers in the cafeteria, library, dormitories, classroom buildings, on the grounds and on the farm. This work is given to the most worthy and needy students. It frequently happens that students who must work their way through school are unable to carry a full schedule of classes, and this fact should be borne in mind when accepting a job. In the event there is a conflict between a student's job and his class work, the class load may need to be reduced.

2. *City.* A number of students are able to secure work with families, boarding houses, and other places in the city. Students desiring this type of employment will be assisted by the College in securing it where possible.

SCHOLARSHIPS

1. *Sears, Roebuck & Co.:* Sears, Roebuck & Company has made available eight (8) one hundred dollar (\$100) scholarships to freshman students who desire to study agriculture; a student desiring this aid must be recommended by the Head of the Department of Agriculture.

2. *Kroger Company:* The Kroger Company has made available two (2) two hundred fifty dollar (\$250.00) scholarships to freshman students who desire to study home economics; a student desiring this aid must be recommended by the Head of the Home Economics Department.

3. *Keeneland Foundation, Inc.:* The Keeneland Foundation, Inc. offers a twelve hundred dollar (\$1200) scholarship at the rate of \$300 each year for four years, to an entering student who desires to become a teacher; application should be sent to the Committee on Scholarships and Part-time Student Employment.

4. *Board of Regents:* The College's Board of Regents offer a number of one hundred dollar (\$100) scholarships to students accepted by the Committee; a student desiring this aid must be recommended to the Committee on Scholarships and Part-time Student Employment by the Principal of his high school.

5. *Football:* The College offers a number of work-scholarships to students talented in the sport of football; a student desiring this aid must be recommended by the Head Football Coach.

6. *Basketball:* The College offers a number of work-scholarships to students with talent in the sport of basketball; a student desiring this aid must be recommended by the Head Basketball Coach.

7. *Kentucky State Collegians:* The College offers a number of work-scholarships to those students with orchestral talent; a student desiring this aid must be recommended by the Manager of the Kentucky State Collegians.

8. *Music:* The College offers a number of work-scholarships to students talented in music; a student desiring this aid must be recommended by the Head of the Music Department.

9. *Other:* The College offers a number of work-scholarships to students with high scholastic ability; a student desiring this aid must be approved by the Committee on Scholarships and Part-time Student Employment.

10. *General Student Loan Fund:* The Kentucky State College Student Loan Fund was established in March, 1950, and a gift of

\$1,000 from Mr. Paul G. Blazer, Chairman of the Board, Ashland Oil and Refining Company, became the first deposit therein. Since that time other persons and organizations have made contributions thereto. Needy and deserving students have made use of the fund in an admirable manner to continue their education.

General Regulations

A. Priority is given to Seniors, Juniors, and Sophomores in that order — loans are not made to Freshmen;

B. 2% interest is charged while loanee is a student; 4% after graduation or separation from the college;

C. Loanee must have a minimum average of "C" or 1 point and must be in good standing at the college;

D. Loans are made only for necessary educational expenses in connection with attending Kentucky State College.

Needy and deserving students who desire to make use of the fund should contact the President of the College.

11. *National Defense Student Loan Program:* Federal low-interest loans are available to superior students in need of assistance and (1) who are interested in majoring in science, mathematics, engineering, or a modern foreign language or (2) who are interested in preparing to teach in the elementary or secondary school. A maximum loan of \$5,000 is available, in allotments of not more than \$1,000 in any fiscal year.

GOVERNMENT AND DISCIPLINE

The general direction of collegiate affairs is in the hands of the President, the Dean and the Faculty of the college, with special problems being brought before the Executive Council. The Dean of Students has charge of all student activities. Conduct problems of a serious nature are referred to a Discipline Committee, subject to review by the Executive Council. Students showing themselves at variance with the rules of the college may be dismissed for the good of the institution. The Student Council was organized May, 1935. Its purpose is to cooperate with the administration in maintaining a high plane of student morale and discipline.

INFORMATION FOR BOARDING STUDENTS

ROOMS FOR MEN STUDENTS

Atwood Hall, a dormitory for men, accommodating 140 men, is completely furnished, lighted by electricity, heated by steam, equipped with shower baths and is comfortable at all seasons of the year. Each room accommodates two students.

McCullin Hall, completely equipped and furnished, will accommodate 150 men. Each bedroom has built-in closets and shelves and will accommodate two students. All rooms are radiant heated and lighted by electricity.

ROOMS FOR WOMEN STUDENTS

Kentucky Hall, a women's dormitory, accommodates 107 students; 41 rooms are two-student rooms; 7 rooms are three-student rooms; 4 are one-student rooms. All rooms are steam heated, and lighted by electricity.

Chandler Hall, a dormitory for women students, contains 46 rooms and accommodates 92 women students. All rooms are steam heated and lighted by electricity.

Young women are expected to room on the campus when attendance does not exceed the capacity of the dormitory unless for special reasons they are granted permission by the Dean of Students to room elsewhere.

During those semesters when the attendance exceeds the capacity of the dormitory the school maintains a list of private homes which agree to take student roomers under conditions and rates accepted by landladies and the school.

Students should not engage rooms or board before ascertaining from the school that the landlady's home is on the list. The fact that students have roomed and boarded at a home during some previous year is not necessarily a guarantee that the home is at the present on the list. Women students desiring to room with relatives or friends should notify the Dean of Students of such intention as early as possible before coming to secure the school's approval if it can be given.

All students not living in their own homes, whether rooming in the dormitories or in private homes or rooming houses, are alike subject to the regulations, control and supervision of the school.

ADVANCE ASSIGNMENT OF ROOMS

Applications for rooms in the dormitory are receivable at any time. Such application should be made as soon as practicable, as reservations will be made in the order in which are applications are received, but no reservation will be made unless there is an advanced payment of \$10.00. This amount will be refunded only in cases of non-attendance on account of personal illness, provided notice is given prior to the opening of school and the room space can be rented to someone else.

CARE OF ROOMS

Students are expected to care for their rooms and to keep them clean and orderly. The college attempts to make it possible for students to live in a refined atmosphere and under good living conditions; therefore, it expects those who occupy rooms in the dormitories to keep them in good condition. Students will be charged accordingly when school property is destroyed.

ARTICLES TO BE FURNISHED BY STUDENTS

Whether rooming on the campus or in private homes, students

are required to furnish at least two pairs of pillow cases, three sheets, spreads and comforts or blankets, towels, soap and runners for table and dresser.

A commercial linen supply company will furnish 2 sheets, 2 towels, and 1 pillow case per week for a fee each semester if parents wish to make such an arrangement. If this service is used the student is not required to own linen.

NOTICE TO PARENTS AND GUARDIANS

The dormitories and dining hall officially open for the 1959-60 school year on September 14, 1959, and for the 1960-61 school year on September 12, 1960. Parents are asked not to send students to the College before the date set aside for the arrival of new students. The dormitories will not be open before that date.

For urgent notice or message, send telegrams or special delivery letters.

Parents are promptly notified of their children's illness. Every care will be given the health and happiness of the students of this College.

Parents are asked not to make too frequent requests for students to leave the College. All requests for women students to come home or to go elsewhere should be made in writing to the Dean of Students at least one week prior to the time the student desires to leave. Telegrams requesting students to come home should state reasons for such requests. Requests for leave from parents to students will not be considered.

FINANCIAL INFORMATION

EXPENSES AND FEES

In determining fees for Kentucky State College the Administration has set forth the lowest possible figures consistent with satisfactory service. The student's ability to pay has been kept in mind.

EXPLANATION OF FEES

INCIDENTAL FEE: Each full-time student pays an incidental fee of \$45.00 each semester at the time of registration. This fee entitles the student to library service, lectures, and recitals; subscription to the "Thorobred" newspaper, reasonable health and dental care, and admission to local intercollegiate athletic contests.

TUITION FEE: No tuition fee is charged to students whose legal residence is in the Commonwealth of Kentucky. Students from out-of-state pay a tuition fee of \$45.00 each semester.

YEARBOOK FEE: In order that students at Kentucky State College may have a permanent and unified record of their activities,

both academic and extra curricular, each student is assessed \$5.00 per year for the purpose of publishing a college yearbook.

Students who register the second semester for the first time will also be assessed \$5.00 for yearbook fee.

BOARD AND RENT

Men and women students occupying rooms on the campus are positively required to take their meals in the college dining hall. No cooking or storage of food will be permitted in the dormitory rooms. Any student violating this rule may be asked to release his room. In order for a student to reserve a room an advance application and deposit fee of \$10.00 must be paid. This deposit is credited to the student's account at the time of registration.

Total board expense for one semester is \$156.00 Total rent expense for one semester is \$54.00. These charges are payable on a monthly basis in accordance with the payment schedule.

SPECIAL FEES

PART-TIME STUDENT: Students taking a part-time load, less than 12 semester hours, will be charged \$4.00 per hour for incidental fee.

LATE REGISTRATION FEE: A fee of \$5.00 is assessed every student presenting himself to begin or complete any part of his registration after the day provided for that purpose, and one additional dollar for each successive day thereafter, not to exceed \$10.00.

FEE FOR SPECIAL EXAMINATIONS: A student who misses a semester examination will be required to pay a fee of 75 cents per credit hour for each examination missed, before it is given to him.

A special fee of \$1.00 each is required for students taking achievement entrance examinations or intelligence tests after the initial date of administration.

LATE MEDICAL EXAMINATION: Students who do not undergo medical examination at the time scheduled for that purpose must make special provision for the examination under the supervision of the College physician. A special fee of \$1.00 will be charged for this service.

RECORDS PHOTOGRAPH: All freshmen and new students are required to pay a fee of 50 cents for a photograph for their permanent records.

SUMMER SCHOOL: In-state students registering for Summer School will pay \$22.50 incidental fee for 6 credit hours or more. Student registering for less than 6 hours will be charged at the rate of \$4.00 per hour. For Out-of-state students an additional fee of \$22.50 is charged.

STUDENT UNION ASSOCIATION MEMBERSHIP FEE: All students are required to pay membership fee to this Association of \$2.50 per semester. Summer School students will pay \$1.25 for the term.

APPLIED MUSIC:

One-half hour lesson per week, per semester in organ\$18.00

Two half hour lessons per week, per semester in organ\$27.75

One half hour lesson per week in piano or voice
per semester\$13.50

Two half hour lessons per week in piano or voice
per semester\$18.00

Class instruction in piano and instruments per semester ..\$ 7.50

LABORATORY FEES: All courses in Biology, Chemistry,

Physics with laboratory work per semester hour\$ 1.50

Demonstration (Certain Science courses) per course50

Commercial Education

Typewriting and Machines per semester hour 1.50

Certain Industrial Arts Courses per semester hour 22.50

(Other course fees may be charged for any other courses in which the College furnishes individual supplies or equipment to students.)

BOOKS AND SUPPLIES: Books and supplies for one semester will average between \$20.00 and \$30.00. Freshman and sophomore students taking skill courses in Physical Education should estimate an additional expense item of \$10 to \$15 for gymnastic uniforms and supplies.

GRADUATION FEE: A graduation fee of \$15.00 is charged each student who makes application for a degree. This fee covers cost of the rental of cap and gown and the cost of the diploma.

General Expenses

1959-60

Incidental Fee\$ 90.00

Yearbook Fee 5.00

Student Union Association

Membership Fee 5.00

Board 312.00

Rent 108.00

Total General Expenses\$520.00*

*Note:

Out-of-state students will be charged a non-residence fee of \$90.00 per year in addition to the above — Freshmen students must add \$10.00 per year for laboratory fee and 50 cents photo fee. Rent charges may be less, depending upon the number of persons occupying the room. Other laboratory and music fees will be assessed according to courses taken. (See catalogue for specific fees)

PAYMENT SCHEDULE OF GENERAL EXPENSES 1959-60 School Year					
	First 9/16/59	Second 11/13/59	Third 2/2/60	Fourth 4/1/60	Total*
Kentuckian Boarding	\$157.50	\$105.00	\$152.50	\$105.00	\$520.00
Kentuckian Non-Boarding	52.50		47.50		100.00
Non-Kentuckian Boarding	202.50	105.00	197.50	105.00	610.00
Non-Kentuckian Non-Boarding	97.50		92.50		190.00
General Expenses 1960-61					
Incidental Fee					\$ 90.00
Yearbook Fee					5.00
Student Union Association Membership Fee					5.00
Board					312.00
Rent					108.00
Total General Expenses					\$520.00*

*Note: Out-of-state students will be charged a non-residence fee of \$90.00 per year in addition to the above — Freshmen students must add \$10.00 per year for laboratory fee and 50 cents photo fee. Rent charges may be less, depending upon the number of persons occupying the room. Other laboratory and music fees will be assessed according to courses taken. (See catalogue for specific fees)

PAYMENT SCHEDULE OF GENERAL EXPENSES 1960-61 School Year					
	First 9/14/60	Second 11/15/60	Third 1/31/61	Fourth 4/1/61	Total*
Kentuckian Boarding	\$157.50	\$105.00	\$152.50	\$105.00	\$520.00
Kentuckian Non-Boarding	52.50		47.50		100.00
Non-Kentuckian Boarding	202.50	105.00	197.50	105.00	610.00
Non-Kentuckian Non-Boarding	97.50		92.50		190.00

PAYMENT OF BILLS

Accounts are payable as scheduled and must be paid accordingly or in advance. If a student permits his account to become

delinquent he will be dropped from class or be requested to withdraw from the College. Students shall not be allowed to register from one semester to another until prior accounts are settled in full. No diploma, certificate or transcript is granted to a student until all bills with the College are settled. In making payments, remittance should be made directly to the Business Office. Please remit United States Money Orders, or Certified Checks, and make payable to Kentucky State College.

DEDUCTIONS, REFUNDS AND WITHDRAWALS

1. When a student withdraws within one week of the official date of registration as specified in the catalogue 75 per cent of the tuition and incidental fees will be refunded.
2. When a student withdraws within two weeks of the official date of registration as specified in the catalogue 50 per cent of the tuition and incidental fees will be refunded.
3. When a student withdraws within three weeks of the official date of registration as specified in the catalogue 25 per cent of the tuition and the incidental fees will be refunded.
4. After three weeks from the first official date of registration no refund will be made.
5. When a student withdraws within the three-week refund period, yearbook fees will be refunded in full. After the three-week refund period, yearbook fees will not be refunded.
6. Board: Refund or credit on board will be made only on the basis of a weekly unit.
7. Room Rent: A refund on room rent will be made on the basis of a monthly unit.
8. No refund will be given on charges made for lessons in Applied Music unless the student withdraws officially from the college. Such refunds will be made only on a monthly unit basis.

PART III
ADMISSIONS
AND
GENERAL REGULATIONS

ADMISSIONS

Graduates of high schools accredited by the State Department of Education or a recognized regional accrediting association are admitted to the college on certificate, providing they have fifteen credits of high school work acceptable to the college. Only students holding certificates of graduation from accredited high schools will be admitted without examination. Students presenting certificates of graduation from non-accredited high schools will be required to validate credit by examination.

While there is no definite pattern of units required for admission, applicants will be required to present satisfactory evidence of adequate preparation for the course of study they wish to pursue at the College.

VETERANS WHO ARE NOT HIGH SCHOOL GRADUATES

For those veterans who are not high school graduates, the following plan is in effect:

Any veteran who is not a high school graduate who desires the opportunity of regular college attendance and who can demonstrate his competence as shown by the results of tests as recommended by the United States Armed Forces Institute and the American Council on Education, may apply for the administration of such tests. Such persons will be granted the college level of classification exhibited and will be granted the privilege of pursuing majors toward the Bachelor's degree or enrollment in any courses offered by the college for which the persons are eligible.

ADMISSION BY TRANSFER FROM SOME OTHER COLLEGE

Credit will be transferred when earned with a grade not lower than "C" and when earned in courses corresponding to those offered at Kentucky State College. In cases of questionable credits, including those transferred from colleges without standard accreditation, acceptance of credits will be deferred at the time of admission but credits will be placed on the student's record after one or more years of satisfactory work in Kentucky State College. It is the student's responsibility to have all transfer credits in the office of the Dean and Registrar at the time he wishes to register. To qualify for graduation, transfer students must maintain a "C" average or better in courses taken at the college. The Dean and Registrar shall pass judgment on all cases referring to classification. An applicant who is on probation, suspended, or expelled from another institution is not eligible for admission to the College, unless he can qualify for re-admittance at the institution from which he wishes to transfer.

APPLICATION FOR ADMISSION

A student who plans to enter the college for the first time should write the office of the Dean and Registrar requesting an "Application for Admission." Upon receipt of the application blank, the student should give the information requested on parts one and two. When this information is supplied, the student should have the principal of the high school from which he or she graduated, give the necessary information requested on parts three and four. The principal should then mail the completed form to the office of the Dean and Registrar, Kentucky State College. Before any student is permitted to register a complete record of his high school transcript must be in the office of the Dean and Registrar.

SUGGESTED ENTRANCE UNITS

The figures below indicate the maximum and minimum number of units that may be offered in each subject.

1. Experience shows that students who present at least three units in English and two in Mathematics have the greatest success at the College.

2. Credit is accepted in the following subjects in the number of units indicated:

GROUP A

English	4	Mathematics:	
Foreign Languages:		Advanced Arithmetic	1/2-1
French	1-3	Advanced Algebra	1/2
German	1-3	Solid Geometry	1/2
Greek	1-3	Trigonometry	1/2
Latin	1-4	Sciences:	
Spanish	1-3	Biology	1/2-1
History and Civics		Botany	1/2-1
History	1-4	Chemistry	1/2-1
Civics	1/2-1	General Science	1/2-1
Political Economy	1/2	Physics	1/2-1
Education (Including		Geology	1/2-1
Psychology)	1/2-1	Physical Geography	1/2-1
Teaching	1	Physiology and Hygiene	1/2-1
		Sociology	1/2
		Zoology	1/2-1

GROUP B

Agriculture	1/2-4	Home Economics†	1/2-4
Bookkeeping	1/2-1	Music	1/2-1
Commercial Law	1/2	Shop Work	1/2-2
Commercial Geography	1/2	Shorthand	1/2-1
Drawing—Freehand	1/2-2	Surveying	1/2
Drawing—Mechanical	1/2-2	Salesmanship	1/2

† Not more than one unit may be offered for any subject in Agriculture and Home Economics.

The minimum amount of credit allowed in any subject will be one-half unit.

HEALTH EXAMINATION

All Freshmen and Transfer students must undergo a health examination by the College Physician and staff. Students absent from college after a period of one year must also re-submit to a health examination. If the examination is not passed satisfactorily, the student will be required to withdraw from the college. If the tests for tuberculosis show a positive reading, a fee will be charged for an x-ray which is required in such cases. A photograph will be taken of each student at the time he takes his health examination.

READING IMPROVEMENT SERVICE

In an effort to assist students in developing efficiency in reading, the institution operates a Reading Improvement Service. Students' reading problems are given individual attention.

The reading improvement program is designed primarily for those students who show signs of reading deficiencies. It is, however, open to all students who wish to improve in reading and study skills. The program makes use of a large number of printed materials and instruments.

APPLICATION FOR DEGREES

Students who intend to satisfy the requirements for a degree must file formal application with the Registrar on or before the second Tuesday in April.

Students who have not met all requirements for graduation on or prior to the last date of regular senior examinations during the spring semester will not be considered for graduation during a particular year.

The student is held responsible for completing all requirements for graduation by the time he expects to graduate.

STUDENT TEACHING

The following regulations must be satisfied before a student becomes eligible to do Student Teaching:

1. He must have an overall scholastic average of 1.0 or better.
2. He must have earned "C" or better in all professional courses in Education.
3. He must be a Senior.

HONORS

An Honor Roll List will be published by the office of the Registrar at the close of each semester. The names of students making an average of 2.8 quality points or more will be placed on the Honor Roll. Those averaging 2.2 quality points or more will be placed on the Honorable Mention List. To be eligible for the Dean's List, a student must carry 15 semester hours.

Upon graduation from the college the following honors will be awarded: *With Distinction* to students whose general quality point average for four years is 2.2 or above; *With High Distinction* to students whose general quality point average for four years is 2.5 or above and who have received no F's or D's; *With Highest Distinction* to students whose general quality point average is 2.8 or above and who have received no F's or D's. A minimum of two years or 64 semester hours of residence work is required. Not less than 50 per cent of the Honor-grade credits must be earned in residence at the college during a regular term.

DEPARTMENTAL HONORS

The Degree of A. B. or B. S. with Honors in the student's major subject will be conferred upon the student who, in addition to having completed the requirements for the degree, shall have maintained a college average of not less than 2.0 and a departmental average of not less than 2.3. In computing departmental averages all courses taken in a department will be counted. To be considered for departmental honors two years of residence work are required, with at least half of the major courses taken in residence. In addition, the candidate must be approved for such honor by the staff of the department.

MAXIMUM AND MINIMUM CREDITS ALLOWED

The student is required to carry each semester a load amounting to at least 12 semester hours. To be eligible to carry more hours than listed in his curriculum the student must have a standing of at least 2.0 for the preceding semester. Freshmen will not be allowed to carry extra work during the first semester.

ADMISSION OF AUDITORS

Persons desiring to attend classes without credit may be admitted as auditors. Persons who register as auditors will in no case receive credit.

RESIDENCE REQUIREMENTS

To obtain the Bachelor's degree, the student must have registered in the college as a resident student during his senior year and have gained at least 32 semester hours in the college during that year. At least one-half the credits of a major must be gained in this college. The student is held responsible for completion of all requirements for graduation by the time he expects to graduate.

CREDITS BY EXTENSION AND SPECIAL EXAMINATIONS

Students may apply toward the Bachelor's degree a maximum of 30 semester hours by extension, special examinations, and correspondence combined. However, not more than 6 semester hours may be gained during any semester. Not more than 6 of the last 12

credits required for graduation may be taken by extension or correspondence; not more than one-half of the credits required for the major may be gained by extension or correspondence. Not more than 16 semester hours may be earned through correspondence in a calendar year. Only grades of "C" or better will be accepted through correspondence.

Students will be admitted to extension courses who satisfy all prerequisites for those courses in exactly the same manner as in residence. Residence credits shall be credit earned on the campus in regularly scheduled classes. Students in residence shall not be permitted to do extension work without permission of the dean.

The minimum time within which one three-semester-hour course may be completed shall be five weeks; two three-semester-hour courses shall be ten weeks; one two-semester-hour course shall be four weeks; two two-semester-hour courses shall be eight weeks; one three-semester-hour course plus one two-semester-hour course shall be nine weeks.

DEFINITION OF A SEMESTER HOUR

A semester hour represents one hour of recitation or lecture or two hours of laboratory a week for one semester; drawing, shop work, physical education, and other courses requiring no outside work are reckoned at two hours for one semester hour.

MARKING SYSTEM

Student marks are recorded by letter with the following significance: "A" excellent scholarship; "B" good; "C" average; "D" poor (carries no quality points); "F" failure; "I" incomplete; "W" withdrawn; "WP" withdrawn passing; "WF" withdrawn failing.

An incomplete or "I" earned in any particular semester must be removed during the next semester the course is offered, otherwise the course will be recorded by the Registrar as "F".

A mark of "W" shall be granted a student provided that student formally withdraws from a course before the close of the first three weeks of any semester.

A mark of "WP" shall be granted that student who has remained in a course for a period longer than the first three weeks of any semester, provided that student is passing in such course at the time of formal withdrawal.

A mark of "WF" shall be granted that student who has remained in a course for a period longer than the first three weeks of any semester, provided that student is failing in such course at the time of formal withdrawal.

The several marks yield quality points as follows:

- A—Three quality points per credit hour
- B—Two quality points per credit hour
- C—One quality point per credit hour
- D—No quality points per credit hour
- F—No quality points, no credit
- WP, W, and WF—No quality points, no credit

Courses in which a student has made a mark of "A", "B", "C", or "D", may be counted towards a degree with the exception that no "major or minor course" in which a student has received a mark of "D" may be counted. A student must repeat any "major course" in which he earns a mark of less than "C", and when he has accumulated marks of "D" covering more than 16 semester hours, he shall immediately repeat one or more of the courses in which such marks were earned. Such repetition shall be kept up until marks higher than "D" are earned in the repeated courses. If the mark earned is higher than "D" it shall be substituted for the original mark made in the course of all transcripts sent out by the college. This substitution shall be indicated on the transcript by a suitable device. No student shall be allowed to graduate if his record shows more than the allowed number of D's after the substitution has been made. The usual regulation as to fees, amount of work, and probation shall apply to these repeated courses.

At his first opportunity, a student must repeat in class a required course in which he has received a mark of "F" or "WF", unless the Dean of the College authorizes a substitute course.

Unauthorized withdrawal will be marked "WF".

CLASS CUTS

A student is allowed the same number of cuts from class as the number of hours that the course carries. An unexcused absence from a class is construed as a cut.

Necessary absences in excess of the maximum number of cuts may be excused by the Dean of Students upon request of the student within two calendar weeks immediately following the absence.

A student absent from class more than the prescribed number of cuts shall have his final mark in the course reduced one level for each cut above the maximum allowed. (Ex.—If a student has a final average of "A" that average will be reduced, by the instructor, to a "B" if he has one cut above the maximum allowed; "C" if he has two; "D" if he has three, etc.)

When a student has remained out of school because of illness or some other excusable cause for a period longer than one-sixth of

the regular class meetings (cumulative and successive) during any semester, he shall be asked to withdraw. It should be noted that the number of days absent from class is calculated from the date of registration of the student for a semester.

ASSEMBLY

Assembly attendance is required of Freshmen and Sophomores. Assembly is held whenever deemed necessary—usually each Tuesday at 10 A.M. Each student who is required to attend assembly shall be allowed three unexcused cuts each semester. For each unexcused cut in excess of this number the student will be required to complete an additional semester hour for graduation. That is, a student with four unexcused cuts will be required to complete 129 hours for graduation; one with five cuts—130 hours for graduation, etc., etc.

CLASSIFICATION OF STUDENTS

1. Freshmen: Students meeting all entrance requirements who have completed 0-30 semester hours.
2. Sophomores: To be eligible for Sophomore classification, a student shall have completed at least 30 semester hours, accumulated an average of at least .60, and passed all required Freshman courses.
3. Juniors: To be eligible for Junior classification, a student shall have completed at least 60 semester hours, accumulated an average of at least 1.0, and passed all required Freshman and Sophomore courses.
4. Seniors: To be eligible for Senior Classification, a student shall have completed at least 90 semester hours, accumulated an average of at least 1.0, and passed all required Freshman, Sophomore and Junior courses.

PROBATION AND DISMISSAL FOR LOW SCHOLARSHIP

Freshman Classification

1. A Freshman student who for the first time fails to earn an average of .60 in any semester shall be placed on probation at the end of that semester.
2. If at the end of the following semester in attendance such student fails to earn an average of .60 for both semesters but has a deficiency of not more than twenty quality points, he shall be placed on "extended" probation for one semester, during which time he shall not be permitted to pursue more than twelve semester hours of work. In addition, his extra-curricular program shall be regulated by his Freshman adviser and/or the Head of the Department in which he is doing or plans to do his major.

3. If he has a deficiency of more than twenty quality points for the two semesters, he shall be dropped for one semester.
4. A Freshman on "extended" probation who fails to earn an overall average of .60 by the end of the next semester of attendance shall be dropped from the college for one semester.

Sophomore Classification

1. A student who for the first time fails to earn a quality average of .6 in any semester shall be placed on probation at the end of that semester.
2. A probationary student who fails to earn a general average of .6 in all courses by the end of the next semester of attendance shall be dropped for one semester.
3. Any student of sophomore classification who fails to earn a general average of at least .6 by the end of a year of attendance shall be dropped for one semester.
4. If a second probation is incurred, such student will be dropped. At the expiration of at least one semester, application for readmittance must be acted upon by the Instructional Faculty.
5. Freshmen and Sophomore students who have been on Extended Probation and who fail to maintain for each period thereafter a general average of .60 will be dropped from the institution for one semester.

Junior and Senior Classification

1. When other requirements are met, in order to be admitted to Junior classification a student must present an entire average of "C" or 1.0. After being admitted as a junior, if the average falls below "C" at the end of any semester, probation will be incurred.
2. A probationary student who fails to earn a general average of 1.0 in all courses by the end of the next semester of attendance shall be dropped for one semester.
3. Any student of junior or senior classification who fails to earn a general average of at least 1.0 at the end of a year of attendance shall be dropped for one semester. (Any two semesters, whether consecutive or not, constitute a year.)
4. If a second probation is incurred such student will be dropped. At the expiration of at least one semester, application for readmittance must be acted upon by the Instructional Faculty.

DISMISSAL AND PROBATION FOR TERMS OF STUDY LESS THAN A YEAR

When a student of any classification pursues 12 or more semester hours of work during different terms within the calendar year, the regulations regarding scholarship standards will be applied.

WITHDRAWAL FROM THE INSTITUTION

Students who find it necessary to withdraw from the institution must secure permission from the Dean of Students to withdraw officially.

Students failing in courses at the time of official withdrawal (unless such withdrawal is within the first three weeks of the semester) shall receive WF in such courses.

Students who withdraw unofficially are subject to the following penalties:

- a. Probationary status first semester of attendance following unofficial withdrawal.
- b. Dismissal for one semester if probationary status precedes period of unofficial withdrawal.
- c. Payment of a \$5.00 fee at next registration.

CHANGING COURSES

All changes of registration (either by adding or dropping a course or changing hours and divisions) must be made through the Registrar's office. Students are required to follow the program as outlined on their registration cards. Any student who takes a course irregularly will not receive credit for it. A student cannot sign for a new course after the last day of regular registration.

EXAMINATIONS

Regular examination will be held in all courses at the end of each semester according to the college Calendar.

PENALTY FOR CHEATING IN EXAMINATIONS

1. The penalty for cheating in an examination or for aiding someone else in cheating is a failing grading on the examination in which the cheating occurs.
2. All matters of cheating are reported to the academic dean in writing by the teacher in charge of the course.
3. When a student is guilty of cheating (or of aiding someone else) a second time, whether in the same or in different courses, the student will receive an "F" in the course and will be then recommended to the disciplinary committee for immediate suspension from the college for the remainder of the current semester. In cases where cheating occurs in the final examinations, the suspension would be for the duration of the next semester.

SPECIAL EXAMINATIONS

(Major courses not included)

A student who has earned a mark of "D" in a course, that is not a major course, is eligible for a special examination in that course under the following conditions:

- A. The student must have studied or taught the course in classroom during a particular term, semester, or quarter.
- B. Such examination must be administered in a period between semesters or terms if the student is enrolled for regular study.
- C. Such examination may be administered only once.
- D. A student may be examined in only one such examination within a period between semesters or terms.
- E. A fee of one dollar (\$1.00) per semester hour shall be collected for such examination. The minimum fee to be collected for any examination shall be \$1.00.
- F. The student who desires to be administered such examination must make written application to the Office of the Dean and Registrar at least one calendar week prior to the date when an examination is to be administered.

COMMENCEMENT

All students who are candidates for degrees are required to participate in the commencement exercises. Commencement convocations will be held at the close of the spring semester only. Students who satisfy requirements at times other than the spring semester will be regarded as of the graduating class next following completion of the work.

PART IV DEGREES, GRADUATION REQUIREMENTS, COURSES OF STUDY, CURRICULA, AND COURSE DESCRIPTIONS, ETC.

DEGREES

The college offers instruction leading to the following degrees:

Bachelor of Arts with majors in

- English
- History and Government
- Music
- Sociology
- Social Sciences
- Elementary Education

Bachelor of Science with majors in

- Business Administration
- Business Education
- General Science
- Biology
- Chemistry
- Mathematics
- Vocational and Industrial Education
- Music Education
- Agriculture
- Home Economics
- Physical and Health Education
- Secretarial Science

For any degree the student is required to gain the minimum number of semester hours and quality points as required in his particular curriculum with an average academic standing of one or "C".

In all cases the student is responsible for the meeting of requirements for graduation.

The selection of majors and minors must be made not later than the first semester of the junior year of college studentship and may not be changed later than the end of the first semester of the senior year. Twenty-four semester hours in a department constitute a major, with the exception of the English major which requires 30 semester hours. Courses pursued in any major are subject to the approval of the student's major department and the Registrar.

Eighteen semester hours in one department constitute a minor.

Students are advised to give careful thought and consideration to the problem of selecting major and minor subjects. These subjects should be chosen in accordance with the student's interests and the demand for service after graduation. It is necessary to remember that adequate preparation must be made in a subject in order to qualify one to teach the subject in the public schools. Nearly all teachers must teach two or more different subjects and for this reason it is suggested that students who are planning to teach should take two minors except in special curricula where it is

impracticable to do so. All electives must meet the approval of the head of the major department and of the Registrar.

The student who does not desire to meet the requirements in Directed Teaching must state in writing to the Dean and Registrar not later than the regular registration period of the first semester of the senior year that he does not desire to pursue the course in Directed Teaching.

COURSES OF STUDY

The following numbering system is used.

Freshman Courses	100-193
Sophomore Courses	200-293
Junior Courses	300-393
Senior Courses	400-493

The College reserves the right to withdraw or to close courses the registration for which does not warrant opening or continuing.

Juniors and Seniors who take Freshman or Sophomore courses will receive reduced credit, except with the approval of the Dean and Registrar.

The College offers courses designed to meet the needs of various classes of students:

- (1) A four-year course consisting of a minimum of 128 semester hours leading to the Provisional Elementary Certificate.
- (2) A four-year college course preparing persons as teachers of high school subjects in the fields of English, Social Sciences, Mathematics, Home Economics, Agriculture, Natural Sciences, Public School Music, Physical Education, Commercial Teacher Education, and Music Education.
- (3) A four-year professional college course.
- (4) A four-year course in Vocational and Industrial Education.
- (5) A four-year course in Business Administration.

PRE-MEDICAL COURSES

A four-year course in the Area of General Science preparing for the study of medicine is offered. This complies with the requirement of the American Medical Association for entrance into Class A medical schools requiring a degree for entrance. A student preparing to enter a specific medical school upon completion of three years of college study should select carefully with the aid of his adviser those courses designated by the medical college he plans to attend as required for entrance.

GRADUATION REQUIREMENTS

In order to complete requirements for graduation each student must earn at least 128 semester hours. This work is divided as indicated below:

A. GENERAL EDUCATION 45 hrs.

Group I—Language	12 hrs.
Required Eng. 101-102	6 hrs.
Literature	3 hrs.
3 additional hrs. either Literature or Speech	3 hrs.
Group II—Science	12 hrs.
Required Life Science	6 hrs.
6 additional sem. hrs. in some field of Science other than Biology	6 hrs.
Group III—Social Science	13 hrs.
Required World Civilization	6 hrs.
Required Social Life	1 hr.
Required 6 additional hrs.	6 hrs.
Group IV—Health	6 hrs.
Required Activity	2 hrs.
Required Health and Safety	4 hrs.
Group V—Elect two additional semester hours from any one of the four groups	2 hrs.

B. PROFESSIONAL EDUCATION CORE 12 hrs.

Human Development and Psychology	6 hrs.
Administration of Public Schools	3 hrs.
Foundations of Education	3 hrs.

C. OTHER 71 hrs.

To include majors and minors or a field of concentration, allied fields of study, and electives—with the proviso that not more than 40 semester hours may be taken in any one field.

128 hrs.

GENERAL CURRICULUM FOR THE LOWER TWO YEARS

This curriculum leads to the Bachelor of Arts degree with majors in History and Government and Sociology, and second majors or minors in Music and French Language and Literature. Through judicious selection one may qualify as a teacher in two or more fields, as a social civic leader in his community, or to pursue further professional courses. Each student must secure six semester hours credit in either a foreign language or three hours in Art and three hours in Music.

GENERAL CURRICULUM FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition.....	3	Eng. 102—English Composition.....	3
Hist. 101—World Civilization.....	3	Hist. 102—World Civilization.....	3
Biol. 101—Life Science.....	3	Biol. 102—Life Science.....	3
Ed. 100—Freshman Orientation.....	0	Ed. 100A—Social Life.....	1
P.Ed. 101—Orientation in P. Ed.....	½	P.Ed. 102—Orientation in P. Ed.....	½
French 101—Elementary French.....	3	French 102—Elementary French.....	3
Math. 101—College Algebra.....	3-5	Math. 102—Trigonometry.....	3-5
Elect (from group below).....	3-5	Elect (from group below).....	3-5
Soc. 102—Prin. of Geography.....		Soc. 102—Prin. of Geography.....	
Mus. 101—Public School Music.....		Mus. 102—Public School.....	
P.Ed. 112—Personal Hygiene.....		P.Ed. 112—Personal Hygiene.....	
Ed. 105—Prin. of Art.....		Ed. 105—Prin. of Art.....	
	15½-17½		16½-17½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—English Literature.....	3	Eng. 222—American Literature.....	3
Soc. 201—Intro. to Social Sci.....	3	Soc. 202—Intro. to Social Sci.....	3
Sci. 201—Intro. to Physical Sci.....	3	Sci. 202—Intro. to Physical Sci.....	3
Ed. 221—Human Dev. & Psy. I.....	3	Ed. 222—Human Dev. & Psy. II.....	3
P.Ed. 201—Recreational Activities.....	½	P.Ed. 202—Recreational Activities.....	½
Electives (from group below).....	3-4	Electives (from group below).....	3-4
Fren. 201—Intermediate Fren.....	3	Fren. 202—Intermediate Fren.....	3
Hist. 201—U. S. History.....	3	Hist. 202—U. S. History.....	3
Sci. 211—General Physics.....	4	Sci. 212—General Physics.....	4
Eng. 201—Public Spkg.....	2	Eng. 204—Prob. of Voice Trng.....	2
Chem. 101—General Chem.....	4	Eng. 202—Children's Lit.....	3
Mus. 271—Music Apprec.....	2	Ed. 203—General Psy.....	3
	15½-16½	Soc. 211—Geography of N. A.....	3
		Mus. 272—Music Apprec.....	2
			16½-17½

HISTORY AND GOVERNMENT

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Hist. 301—Modern Europe.....	3	Hist. 302—Modern Europe.....	3
Hist. 311—American Government.....	3	Hist. 312—American Government.....	3
Hist. 321—English History.....	3	Hist. 322—English History.....	3
Ed. 452—Fundamentals of Sec. Ed.....	3	Ed. 412—Admin. of Pub. Schools.....	3
Elective.....	3-5	Elective.....	6
	15-17		18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
History—(Electives).....	6	Ed. 410SS—Methods.....	3
P. Ed. 221—Health and Safety Ed.....	4	Elective.....	3
Elective.....	6	Ed. 424—Foundations of Ed.....	3
	16	Ed. 400—Directed Teaching.....	9
			18

SOCIOLOGY*

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 301—Intro. to Sociology.....	3	Soc. 308—Social Statistics.....	3
Eco. 211—Principles of Economics.....	3	Electives.....	12-14
Soc. 303—Cultural Anthropology.....	3		
Electives.....	6-8		
	15-17		15-17

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 342—Social Disorganization.....	3	Soc. 423—Criminology.....	3
Soc. 401—Social Psychology.....	3	Soc. 431—Social Change.....	3
Soc. 403—Intro. to Social Work.....	3	Soc. 441—Marriage.....	3
P. Ed. 221—Health & Safety Ed.....	4	Electives.....	6-8
Electives.....	2-4		
	15-17		15-17

* This curriculum does not lead to a teaching certificate.

AGRICULTURE*

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Ag. 103—Farm Animals	4	Ag. 104—Farm Poultry	4
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Ag. 101—Farm Practices	1	Ag. 102—Farm Practices	1
Ag. 105—General Horticulture	2	Ag. 106—General Horticulture	2
P.Ed. 101—Orientation in P. Ed.	1/2	P.Ed. 102—Orientation in P. Ed.	1/2
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
	17 1/2		18 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Ag. 203—Farm Crops	4	Ag. 204—Farm Crops	4
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Eng. 201—Public Speaking	2	Ag. 202—Farm Practices	1
Ag. 201—Farm Practices	1	Ag. 212—Vegetable Growing	3
Ag. 205—Farm Mechanics	3	Ag. 214—Prin. of Animal	4
Ag. 207—Farm Soils	4	Ag. Nutrition	4
P. Ed. 201—Recreational Activities	1/2	P. Ed. 202—Recreational Activities	1/2
	18 1/2		16 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Ag. 303—Farm Dairying	4	Ag. 306—Farm Animal Sanitation	4
Eco. 211—Principles of Economics	3	Ag. 308—Marketing Farm	3
Soc. 331—Rural Sociology	3	Products	3
Ed. 321—Principles of Sec. Ed.	2	Biol. 302—Bacteriology	3
Biol. 401—General Entomology	4	Ed. 302—Vocational Education	3
Ag. 301—Farm Practices	1	P.Ed. 221—Health and Safety Ed.	4
	17	Ag. 302—Farm Practices	1
			18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Ag. 421—Agricultural Economics	3	Ag. 432—Teaching Vocational	18
Ag. 423—Farm Management	3	Ed.	
Biol. 211—Genetics	3		
Sci. 221—Physical Geology	3		
Ed. 203—General Psychology	3		
Eng. 211—Eng. Literature	3		
	16		18

* New students are not admitted to the four-year program.

BIOLOGY

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
P. Ed. 101—Orientation in P. Ed.	1/2	P. Ed. 102—Orientation in P. Ed.	1/2
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
	16 1/2		17 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Eng. 211—English Literature	3	Eng. 222—American Literature	3
Fren. 201—Intermediate French	3	Fren. 202—Intermediate French	3
Biol. 211—Genetics	3	Biol. 212—General Botany	3
Ed. 221—Human Dev. & Psy. I.	3	Ed. 222—Human Dev. & Psy. II.	3
P. Ed. 201—Recreational Act.	1/2	P. Ed. 202—Recreational Act.	1/2
	16 1/2		16 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Biol. 301—Physiology	4	Biol. 302—Bacteriology	3
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
Sci. 211—Physics	4	Sci. 212—Physics	4
Ed. 452—Fund. of Secondary Ed.	3	Biol. 304—Embryology	4
Electives	3-4	Electives	3-4
	17-18		17-18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Biol. 303—Vertebrate Anatomy	4	Ed. 412—Admin. of Public Schools	3
Biol. 401—Entomology	4	Ed. 424—Foundations of Education	3
P. Ed. 221—Health and Safety Ed.	4	Ed. 410NS—Methods	3
Electives	3-6	Ed. 400—Directed Teaching	9
	15-18		18

BUSINESS ADMINISTRATION

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Ed. 101—Orientation	0	Ed. 101—Social Life	1
Biol. 101—Life Science	3	Biol. 102—Life Science	3
*B.A. 101—Elementary Typewriting	2	B.A. 102—Intermediate Typewriting	2
B.A. 111—Business Mathematics	3	B.A. 112—Business Mathematics	3
B.A. 121—Business Orientation	1	P.Ed. 102—Orientation in P.Ed.	1/2
P.Ed. 101—Orientation in P.Ed.	1/2		
	15 1/2		15 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—English Literature	3	Eng. 222—American Literature	3
Sci. 201—Intro. Physical Science	3	Sci. 202—Intro. Physical Science	3
Soc. 201—Intro. Social Science	3	Soc. 202—Intro. Social Sciences	3
Econ. 211—Principles of Economics	3	B.A. 204—Business English	2
B.A. 261—Prin. of Accounting	4	B.A. 262—Prin. of Accounting	4
B.A. 325—Office Machines	2	P.Ed. 202—Rec. Activities	1/2
P.Ed. 201—Rec. Activities	1/2		
	18 1/2		15 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Hist. 311—American Government	3	Hist. 312—American Government	3
Econ. 311—Business Statistics	3	Ed. 203—General Psychology	3
B.A. 321—Business Law	3	B.A. 322—Business Law	3
B.A. 323—Business Organization	3	B.A. 333—Personnel Admin.	3
B.A. 361—Intermediate Accounting	3	Electives (Option)	3
Eng. 201—Public Speaking	2	Electives (General)	3
	17		18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 401—Social Psychology	3	B.A. 442—Office Management	3
B.A. 454—Principles of Insurance	3	B.A. 490—Internship	3
Econ. 411—Money and Banking	3	Electives (Option)	6
Electives (Option)	3	Electives (General)	3
Electives (General)	3		
	15		15

* No credit will be given to students who have completed a year or more of type-writing in high school. Students who can pass an examination (demonstration) given on the first day of class will be placed in B. A. 102.

OPTIONS IN BUSINESS ADMINISTRATION

ACCOUNTING

- B. A. 362 Intermediate Accounting
- B. A. 461 Governmental Accounting
- B. A. 462 Federal Income Tax Accounting
- B. A. 481 Cost Accounting
- B. A. 490 Internship

ECONOMICS

- Econ. 321 Economic Geography
- Econ. 401 Public Finance and Taxation
- Econ. 402 State and Local Taxes
- Econ. 412 Corporate Finance
- Econ. 422 Current Economics
- Econ. 490 Internship

MARKETING

- B. A. 351 Principles of Marketing
- B. A. 352 Principles of Advertising
- B. A. 451 Principles of Salesmanship
- B. A. 452 Principles of Real Estate
- B. A. 454 Principles of Life Insurance
- B. A. 490 Internship

BUSINESS EDUCATION

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
*B.A. 101—Elementary Typewriting	2	B.A. 102—Intermediate Typewriting	2
B.A. 121—Business Orientation	1	B.A. 112—Business Mathematics	3
B.A. 111—Business Mathematics	3	Ed. 100A—Social Life	1
Ed. 100—Freshman Orientation	0	P.Ed. 102—Orientation in P.Ed.	1/2
P.Ed. 101—Orientation in P.Ed.	1/2		
	15 1/2		15 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—English Literature	3	Eng. 222—American Literature	3
B.A. 261—Prin. of Accounting	4	B.A. 262—Prin. of Accounting	4
B.A. 201—Advanced Typewriting	2	B.A. 204—Business English	2
*B.A. 211—Elem. Stenography	3	B.A. 212—Elementary Stenography	3
Ed. 221—Human Develop. & Psy. I	3	Ed. 222—Human Develop. & Psy. II	3
Soc. 201—Intro. Social Sciences	3	Soc. 202—Intro. Social Sciences	3
P.Ed. 201—Orientation in P.Ed.	1/2	P.Ed. 201—Orientation in P.Ed.	1/2
	18 1/2		18 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Econ. 211—Principles of Economics	3	B.A. 322—Business Law	3
B.A. 321—Business Law	3	Ed. 452—Fund. Secondary Educ.	3
B.A. 360—Principles of Bus. Ed.	3	B.A. 442—Office Management	3
B.A. 324—Filing	1	P.Ed. 221—Health & Safety Ed.	4
B.A. 325—Office Machines	2	General Elective	3
B.A. 311—Dictation & Transcrip.	3		
B.A. 323—Business Organ.	3		
	18		16

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Eng. 201—Public Speaking	2	B.A. 402—Methods & Mat. in B. Ed.	4
Ed. 412—Admin. Public Schools	3	Ed. 424—Foundations of Educa.	3
Ed. 401—Tests & Measurements	3	Ed. 400—Observation and Directed Teaching	9
B.A. 421—Secretarial Practice	3		
General Electives	3-7		
	15-18		16

* No credit received if student has had one year of typewriting or shorthand in high school. Students may enroll in B.A. 102 or B.A. 212 provided they can demonstrate upon examination (given on the first day of class) the level of proficiency specified in the catalogue descriptions for B.A. 101 and B.A. 211.

SECRETARIAL SCIENCE

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
B.A. 111—Business Mathematics	3	B.A. 112—Business Mathematics	3
B.A. 121—Business Orientation	1	B.A. 102—Inter. Typewriting	2
*B.A. 101—Elementary Typewriting	2	Ed. 100A—Social Life	1
Ed. 100—Freshman Orientation	0	P.E. 102—Orient. Phys. Ed.	1/2
P.Ed. 101—Orient. in Phys. Ed.	1/2		
	15 1/2		15 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—English Literature	3	Eng. 222—American Literature	3
B.A. 261—Principles of Accounting	4	B.A. 262—Prin. of Accounting	4
B.A. 201—Advanced Typewriting	2	B.A. 204—Business English	2
*B.A. 211—Elementary Stenography	3	B.A. 212—Elementary Stenography	3
Soc. 201—Intro. Social Sciences	3	Soc. 202—Intro. Soc. Sciences	3
Econ. 211—Principles of Economics	3	P.Ed. 202—Rec. Activities	1/2
P.Ed. 201—Recreational Activities	1/2		
	18 1/2		15 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
B.A. 311—Dictation & Transcription	3	B.A. 322—Business Law	3
B.A. 324—Filing	1	B.A. 333—Personnel Admin.	3
B.A. 325—Office Machines	2	Electives in Bus. Admin.	6
B.A. 323—Business Organization	3	General Electives	4-6
B.A. 321—Business Law	3		
Ed. 203—General Psychology	3		
Eng. 201—Public Speaking	2		
	17		16-18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
B.A. 421—Secretarial Practice	3	B.A. 442—Office Management	3
Econ. 411—Money and Banking	3	B.A. 422—Secretarial Office Internship	6
Soc. 401—Social Psychology	3	B.A. 423—Seminar in Sec. Sci.	3
Hist. 311—American Government	3	General Elective	3
Electives in Bus. Admin.	3		
	15		15

* No credit received if student has had one year of typewriting or shorthand in high school. Students may enroll in B.A. 102 or B.A. 212 provided they can demonstrate upon examination the level of proficiency specified in the descriptions for these courses.

MAJOR IN GENERAL SCIENCE

(Area of Concentration)

The curriculum in General Science is designed primarily for students who wish to complete the teaching area in the Sciences. Beginning students should pursue the following plan:

1. For the Freshman and Sophomore years, follow the curriculum of the Biology or Chemistry Department; depending upon which field the student elects to pursue a minimum of 24 semester hours during the four years.
2. For the Junior year, the student who has completed the Sophomore curriculum in Biology should take all Junior year Biology and Education courses. In addition, a minimum of 8 hours of Chemistry should be pursued during the year; or
3. The student who has completed the Sophomore curriculum in Chemistry should take all Chemistry and Education courses for that year, in addition to a minimum of 8 hours in Biology.
4. Three hours in Physical Geology are required for a major in General Science.

CHEMISTRY

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
P. Ed. 101—Orientation in P. Ed.	$\frac{1}{2}$	P. Ed. 102—Orientation in P. Ed.	$\frac{1}{2}$
	16½		17½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—English Literature	3	Eng. 222—American Literature	3
Ed. 221—Human Dev. & Psy. I	3	Ed. 222—Human Dev. & Psy. II	3
French 101—Elementary French	3	French 102—Elementary French	3
Math. 201—Plane Analytic Geometry	3	Math. 202—Solid Analytic Geometry	3
Chem. 201—Organic Chemistry	4	Chem. 202—Organic Chemistry	4
Chem. 203—Gravimetric Analysis		Chem. 204—Gravimetric Analysis	
P. Ed. 201—Recreational Activities	$\frac{1}{2}$	P. Ed. 202—Recreational Activities	$\frac{1}{2}$
	16½		16½

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Ed. 412—Admin. of Public Schools	3	Ed. 452—Fundamentals of Sec. Ed.	3
French 201—Intermediate French	3	French 202—Intermediate French	3
Sci. 211—General Physics	4	Sci. 212—General Physics	4
Minor 203—Volumetric Analysis	3	Minor 204—Volumetric Analysis	3
Chem. 201—Organic Chemistry	4	Chem. 202—Organic Chemistry	4
	17		17

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Chem. 305—Physical Chemistry or		Ed. 424—Foundations of Ed.	3
Chem. 307—Bio-Chemistry	4	Ed. 410NS—Methods of Tchg. Sci.	3
Electives—Social Sciences	6	Ed. 400—Directed Teaching	9
P. Ed. 321—Health and Safety Ed.	4		
Minor	3		
	17		15

ELEMENTARY EDUCATION

This curriculum is designed to meet State requirements for Elementary Teachers Certificates as prescribed by the Department of Education of Kentucky. Completion of the four-year curriculum leads to the Provisional Elementary Certificate and the A. B. degree with a major in Elementary Education.

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Ed. 203—General Psychology	3	P. Ed. 221—Health & Safety Educa.	4
Ed. 100—Industrial Arts	3	Ed. 105—Principles of Art	3
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
P. Ed. 101—Orientation in P. Ed.	1/2	P. Ed. 102—Orientation in P. Ed.	1/2
	15 1/2		17 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—English Literature	3	Eng. 222—American Literature	3
Sci. 201—Intro. Physical Science	3	Sci. 202—Intro. Physical Sciences	3
Soc. 201—Intro. Social Science	3	Soc. 202—Intro. Social Science	3
Ed. 201—Fund. of Elem. Educ.	4	Ed. 202—Fund. of Elem. Educ.	4
Ed. 221—Human Dev. & Psy. I	3	Ed. 222—Human Dev. & Psy. II	3
P. Ed. 201—Recreational Activities	1/2	P. Ed. 202—Recreational Activities	1/2
	16 1/2		16 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Eng. 222—Children's Literature	3	English Elective	3
Soc. 102—Principles of Geography	3	Soc. 211—Geography of N. A.	3
Hist. 311—American Government	3	Math. 114—Teachers' Arithmetic	3
Mus. 101—Public School Music	3	Ed. 212—Teaching of Reading	3
Ed. 412—Admin. Public Schools	3	Ed. 116—Manuscript Writing	1
H. Ec. 305—Nutrition with Children	2	Elective	3
	17		16

SENIOR YEAR

Option One

First Semester	Hours	Second Semester	Hours
Ed. 424—Foundations of Educa.	3	P. Ed. 431—Meth. & Mat. Tchg.	3
Ed. 422—Prob. Tchg. in Elem. Sch.	3	P. Ed.	3
Ed. 423—Tchg. Science in Elem. School	3	Mus. 231—Music in Elem. Grades	3
Ed. 400E—Directed Teaching	8	Electives	9
	17		15

Option Two

First Semester	Hours	Second Semester	Hours
Ed. 423—Tchg. Sci. in Elem. Sch.	3	Ed. 424—Foundations of Ed.	3
P. Ed. 431—Meth. & Mat. Tchg.	3	Ed. 422—Prob. Tchg. Elem. Sch.	3
P. Ed.	3	Ed. 400E—Directed Teaching	8
Mus. 231—Music in Elem. Grades	3	Electives	3
Electives	6		3
	15		17

HEALTH AND PHYSICAL EDUCATION

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Educ. 100—Freshman Orientation	0	Educ. 100A—Social Life	1
P. Ed. 101—Orientation in Phy. Ed.	1/2	P. Ed. 102—Orientation in P. Ed.	1/2
P. Ed. 112—Personal Hygiene	2	P. Ed. 111—Intro. to P. Ed.	3
P. Ed. 141—Folk and Elem. School Rhythms	2	P. Ed. 104—Tech. of Indiv. Minor	1
P. Ed. 103—Elem. Tech. of Team	1	Sports	1
Minor Sports	1		
	15 1/2		15 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—English Literature	3	Eng. 222—American Literature	3
Soc. 201—Intro. to Soc. Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Sci. 201—Intro. to Phys. Sci.	3	Sci. 202—Intro. to Phys. Sci.	3
P. Ed. 201—Recreational Activities	1/2	P. Ed. 321—Org. and Adm. of Intramurals	3
Ed. 221—Human Dev. and Psych. I	3	Ed. 222—Human Dev. & Psych. II	3
P. Ed. 213—Elem. Tech. in Modern Dance	1	P. Ed. 214—Adv. Tech. in Modern Dance	1
P. Ed. 221—Health and Safety Educ.	4	P. Ed. 242—Adv. Tech. of Ind. Sports	1
	17 1/2	P. Ed. 202—Recreational Activities	1/2
			17 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Ed. 412—Adm. of Public Schools	3	Biol. 311—Human Anatomy	3
Ed. 452—Fundamentals of Sec. Educ.	3	P. Ed. 421—Org. and Adm. of P. Ed.	3
Biol. 301—Physiology	4	P. Ed. 304—Coaching Methods (Track)	2
P. Ed. 303—Coaching Methods (Basketball)	2	P. Ed. 401—Tests and Measurements in P. Ed.	3
P. Ed. 323—Prin. of P. Ed.	2	Biol. Elective	3
P. Ed. 341—Adv. Tech. Team Minor	2	P. Ed. 324—Prevention and Care of Injuries	2
Sports	1		
Elective	2-3		
	17-18		17

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
P. Ed. 431—Meth. and Mat. of Tchg. P. Ed.	3	P. Ed. 402—Directed Teaching	9
P. Ed. 403—Coaching Methods (Football)	2	Educ. 424—Foundations of Educ.	3
P. Ed. 443—Org. and Adm. of Playground and Recrea.	3	Elective	3
P. Ed. 331—Kinesiology	3		
Biol. Elective	2-3		
	16-17		15

Note: Students should choose electives in such a manner as to constitute a minor.

HOME ECONOMICS

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
H.Ec. 100—Applied Art and Design	4	H.Ec. 104—Child Care & Develop.	4
H.Ec. 101—Food Problems	3	H.Ec. 108—Textiles and Clothing	3
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
P.Ed. 101—Orientation in P.Ed.	$\frac{1}{2}$	P.Ed. 102—Orientation in P.Ed.	$\frac{1}{2}$
	17½		18½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Eng. 211—English Literature	3	Eng. 222—American Literature	3
H.Ec. 201—Meal Planning & Table Service	3	H.Ec. 204—Family Clothing	3
H.Ec. 205—Family Health & Care	2	H.Ec. 208—Housing Prob. & Policies	3
Mus. 271—Music Appreciation	2	Mus. 272—Music Appreciation	2
Ed. 222—Human Dev. & Psy. II	3	P.Ed. 202—Recreational Activities	$\frac{1}{2}$
P.Ed. 201—Recreational Activities	$\frac{1}{2}$		
	17½		15½

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 201—Intro. Social Sciences	3	Biol. 302—Bacteriology	3
H.Ec. 303—Household Equipment	3	H.Ec. 302—Nutrition & Dietaries	3
H.Ec. 307—Advanced Clothing	3	H.Ec. 304—Home Furnishings & Design	3
Eco. 211—Prin. of Economics	3	H.Ec. 306—Family Relationship	4
Elective	3	H.Ec. 308—Econ. Prob. of Family	3
	15		16

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
H.Ec. 402—Adult Homemaking	2	Ed. 412—Admin. of Public Schools	3
H.Ec. 400—Home Management	5	Ed. 410HE—Methods of Tchg. H. Ec.	3
General Electives	4	Ed. 400—Directed Teaching	9
Elective—Home Economics	4		
	15		15

LANGUAGES AND LITERATURE

Major: English

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
P.Ed. 101—Orientation in P.Ed.	$\frac{1}{2}$	P.Ed. 102—Orientation in P.Ed.	$\frac{1}{2}$
General Elective	3	General Elective	3
	15½		16½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—English Literature	3	Eng. 222—American Literature	3
Soc. 202—Intro. to Social Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Sci. 201—Intro. to Phys. Sci.	3	Sci. 202—Intro. to Phys. Sci.	3
Ed. 221—Human Dev. & Psy. I	3	Ed. 222—Human Dev. & Psy. II	3
Eng. 201—Public Speaking	2	Eng. 204—Prob. of Voice Train.	2
Fren. 201—Intermediate French	3	Fren. 202—Intermediate French	3
P.Ed. 201—Rec. Activities	$\frac{1}{2}$	P.Ed. 201—Rec. Activities	$\frac{1}{2}$
	17½		17½

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Eng. 301—Romanticism	3	Ed. 452—Fund. of Sec. Ed.	3
Ed. 412—Admin. of Pub. Sch.	3	Fren. 302—Survey of French Lit.	3
Fren. 301—Survey of French Lit.	3	P.Ed. 221—Health & Safety Ed.	4
Elective—English	3	Electives—English	6
General Elective	3		
	15		16

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Eng. 412—Hist. Eng. Lang.	3	Ed. 410E—Methods of Tchg. Eng.	3
English Electives	6	Ed. 424—Foundations of Educa.	3
General Electives	6	Ed. 400—Directed Teaching	9
	15		15

MATHEMATICS AND PHYSICS

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3-4	Biol. 102—Life Science	3-4
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
P. Ed. 101—Orientation in P. Ed.	1/2	P. Ed. 101—Orientation in P. Ed.	1/2
	16 1/2-17 1/2		17 1/2-18 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Math. 201—Plane Analytic Geometry	3	Math. 202—Solid Analytic Geometry	3
Ed. 221—Human Dev. & Psy. I	3	Ed. 222—Human Dev. & Psy. II	3
Eng. 211—English Literature	3	Eng. 212—American Literature	3
Sci. 211—General Physics	4	Sci. 212—General Physics	4
Math. 203—Calculus	3	Math. 204—Calculus	3
P. Ed. 201—Recreational Act.	1/2	P. Ed. 202—Recreational Act.	1/2
	16 1/2		16 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Math. 313—Theory of Equations	3	Math. 306—College Geometry	3
Math. 303—Differential Equations	3	Ed. 452—Fundamentals of	3
French 101—Elementary French	3	Sec. Ed.	3
Ed. 412—Admin. of Public Schools	3	French 102—Elementary French	3
Electives	3	P. Ed. 221—Health and Safety Ed.	4
	15	Electives	3
			16

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. —Social Sciences	6	Ed. 424—Foundations of Ed.	3
Electives	11	Ed. 410M—Methods of Tchg. Math.	3
	17	Ed. 400—Directed Teaching	9
			15

MUSIC*

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
P. Ed. 101—Orientation in P. Ed.	1/2	P. Ed. 102—Orientation in P. Ed.	1/2
Music 101—Public School Music	3	Music 102—Public School Music	3
Elect from Group Below	4	Elect from Group Below	4
Fren. 101—Elem. French	3	Fren. 102—Elem. French	3
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Music 111—Piano	1	Music 112—Piano	1
Music 141—Organ	1	Music 142—Organ	1
Music 151—Voice	1	Music 152—Voice	1
Music 161—Violin	1		
	16 1/2		17 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—English Literature	3	Eng. 222—American Literature	3
Sci. 201—Intro. to Physical Sci.	3	Sci. 202—Intro. to Physical Sci.	3
Ed. 221—Human Dev. & Psy. I	3	Ed. 222—Human Dev. & Psy. II	3
Soc. 201—Intro. to Soc. Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
P. Ed. 201—Recreational Activities	1/2	P. Ed. 202—Recreational Activities	1/2
Elect from Group Below	1	Elect from Group Below	1
Mus. 211—Piano	1	Mus. 212—Piano	1
Mus. 241—Organ	1	Mus. 242—Organ	1
Mus. 251—Voice	1	Mus. 252—Voice	1
Mus. 261—Violin	1	Mus. 262—Violin	1
Music 201—Ear Training	2	Music 222—Harmony	2
Music 221—Harmony	2	Music 202—Ear Training	2
	17 1/2		17 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Music 301—History and Apprec.	3	Music 302—History and Apprec.	3
P. Ed. 221—Health & Safety Educ.	4	Music 322—Advanced Harmony	2
Music 321—Advanced Harmony	2	Elective —Music	3
Elective —Music	3	Electives —General	7
Elective —General	3		
	15		15

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Music 421—Counterpoint	3	Electives —Music	6
Elective —Music	3	Electives —General	9
Electives —General	9		
	15		15

* This curriculum does not give the right to a teaching certificate.

MUSIC EDUCATION

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
P. Ed. 101—Orientation in P. Ed.	1/2	P. Ed. 102—Orientation in P. Ed.	1/2
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Music 101—Public School Music	3	Music 102—Public School Music	3
Music —Applied Music	1	Music —Applied Music	1
*Music 110—Piano	0	*Music 110—Piano	0
	16 1/2		17 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—English Literature	3	Eng. 222—American Literature	3
Sci. 201—Intro. to Physical Sci.	3	Sci. 202—Intro. to Physical Sci.	3
Ed. 221—Human Dev. & Psy. I	3	Ed. 222—Human Dev. & Psy. II	3
P. Ed. 201—Recreational Activities	1/2	P. Ed. 202—Recreational Activities	1/2
Music 201—Ear Trng. & Sight Sing.	2	Music 202—Ear Trng. & Sight Sing.	2
Music 221—Harmony	2	Music 222—Harmony	2
Music 231—Music in Elem. Grades	3	Music 232—Music in Jr.-Sr. H. S.	3
Music —Applied Music	1	Music —Applied Music	1
	17 1/2		17 1/2

* Required of students whose major instrument is not Piano and who cannot meet the standards of the department.

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 201—Intro. to Soc. Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Ed. 412—Admin. of Pub. Schools	3	Ed. 452—Fundamentals of Sec.	3
Music 301—Hist. & Apprec. of	3	Ed. 302—Hist. & Appreciation	3
Music —Conducting	2	Music 332—Conducting	2
Music 331—Applied Music	1	Music —Applied Music	1
Music 371—Instruments	1	Music 372—Instruments	1
**Music —Applied Music—	1/2-1	**Music —Applied Music—	1/2-1
2d Inst.	3	2d Inst.	3
Elective —(Minor)	3	Elective —(Minor)	3
	16 1/2-17		16 1/2

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
P. Ed. 221—Health and Safety	3	Ed. 424—Foundations of Educ.	3
Education —Applied Music—1st	4	Music —Instrument	1
Music —Instrument	1	**Music —Applied Music 2d	1/2-1
**Music —Applied Music 2d	1/2-1	Instrument	1
Instrument	1/2-1	Free Elective	3
Electives —(Minor)	6	Ed. 400—Directed Teaching	8
Elective —	2		
Music 321—Advanced Harmony	2		
or			
Music 471—Orchestration	3		
Free Elective	3		
	17 1/2-18		15 1/2-16

** Not required.
Note: Students should choose electives in such manner as to constitute a minor.

SOCIAL SCIENCES

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
P. Ed. 101—Orientation in P. Ed.	1/2	P. Ed. 102—Orientation in P. Ed.	1/2
French 101—Elementary French	3	French 102—Elementary French	3
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Elective in Education	3	Soc. 102—Principles of Geography	3
	15 1/2		16 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Hist. 201—United States History	3	Hist. 202—United States History	3
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
Eng. 211—English Literature	3	Eng. 222—American Literature	3
Ed. 221—Human Dev. & Psy. I	3	Ed. 222—Human Dev. & Psy. II	3
Sci. 201—Intro. to Physical Sci.	3	Sci. 202—Intro. to Physical Sci.	3
P. Ed. 201—Recreational Activities	1/2	P. Ed. 202—Recreational Activities	1/2
	15 1/2		15 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 301—Intro. to Sociology	3	Soc. 304—Minority Groups	3
Hist. 301—Modern Europe	3	Hist. 302—Modern Europe	3
Econ. 211—Principles of Economics	3	Econ. 212—Principles of Economics	3
Hist. 311—American Government	3	Hist. 312—American Government	3
P. Ed. 221—Health and Safety Ed.	4	Ed. 412—Admin. of Pub. Schools	3
	16	Ed. 452—Fundamentals of Sec.	3
		Ed. —	3
			18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 401—Social Psychology	3	Ed. 400—Directed Teaching	9
Hist. 405—Southern History	3	Ed. 424—Foundations of Ed.	3
Hist. 411—Europe Since 1914	3	Ed. 410S—Methods of Tchg.	3
Ed. 401—Tests and Measurements	3	Soc. Sci.	3
Elective	5		
	17		15

SOCIOLOGY AND ECONOMICS

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
Elect		Elect	
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
or		or	
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
General Elective	1½	General Elective	1½
P. Ed. 101—Orientation in P. Ed.	1½	P. Ed. 102—Orientation in P. Ed.	1½
	15½		16½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
Sci. 201—Intro. to Physical Sci.	3	Sci. 202—Intro. to Physical Sci.	3
Eng. 211—English Literature	3	Eng. 222—American Literature	3
Ed. 221—Human Dev. & Psy. I	3	Ed. 222—Human Dev. & Psy. II	3
*Hist. 201—United States History	3	*Hist. 202—United States History	3
P. Ed. 201—Recreational Activities	½	P. Ed. 202—Recreational Activities	½
	15½		15½

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 301—Intro. to Sociology	3	Soc. 302—Intro. to Sociology	3
Econ. 211—Principles of Economics	3	Ed. 452—Fund. of Sec. Ed.	3
Ed. 412—Admin. of Pub. Schools	3	Electives—(Minor)	6
Elective—Sociology	3	Soc. 308—Social Statistics	3
Elective—(Minor)	3		
	15		15

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
P. Ed. 221—Health and Safety Ed.	4	Ed. 424—Foundations of Educ.	3
Electives—Sociology	6	Ed. 410SS—Methods of Tchg. Soc.	3
Electives—(Minor)	9	Sci.	3
		Elective—Sociology	3
		Ed. 400—Directed Teaching	9
	19		18

* Elective

VOCATIONAL AND INDUSTRIAL EDUCATION

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 102—Life Science	1
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
I. Ed. 101—Mechanical Drawing	3	I. Ed. 112—Elementary Wood-	3
I. Ed. 111—General Shop (Crafts)	3	working	
I. Ed. 121—Electric Servicing	1	I. Ed. 132—Industrial Mathematics	3
P. Ed. 101—Orientation in P. Ed.	½	P. Ed. 102—Orientation in P. Ed.	½
	16½		16½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Soc. 201—Intro. Social Science	3	Soc. 202—Intro. to Social Science	3
I. Ed. 102—Mechanical Drawing	3	I. Ed. 221—Machine Woodworking	2
I. Ed. 211—Cabinet Making	2	I. Ed. 201—General Metal	3
P. Ed. 201—Recreational Activities	½	P. Ed. 202—Recreational Activities	½
Ed. 221—Human Dev. & Psy. I	3	Ed. 222—Human Dev. & Psy. II	3
Eng. 201—Public Speaking	2	I. Ed. 122—Electric Servicing	1
Elective in Science	3-4	Elective in Science	3-4
	16½-17½		16½-17½

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
I. Ed. 362—Prep. of Instruc. Mat.	2	P. Ed. 221—Health & Safety Educa.	4
I. Ed. 202—Machine Shop	3	I. Ed. 312—Radio, or	3
I. Ed. 311—Radio, or	3	Elective in Industrial Education	3
Elective in Industrial Education	3	I. Ed. 212—Industrial Arts Design	3
I. Ed. 321—Electric Servicing	1	Elective in Literature	3
General Electives	6	Elective	2
	15		15

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Ed. 412—Public School Admin.	3	I. Ed. 410—Methods of Tchg. I. Ed.	3
Ed. 452—Fundamentals of Sec. Ed.	3	Ed. 424—Foundations of	3
I. Ed. 301—Machine Shop, or	3	Education	3
I. Ed. 451—Architectural Drawing	3	Ed. 400—Directed Teaching	9
Elective in Industrial Education	3		
Elective	3		
	15		15

MILITARY RESERVE PROGRAM

While Kentucky State College does not have a regular ROTC or NOTC program, its students may participate in the United States Army Reserve Program. To all 18 year old male students the program is open. Male students 17 years old may participate with the consent of their parents.

Meetings of the Reserve are held at the College on the first and third Mondays of each month. Each member of the Reserve is paid one day's pay for each unit meeting he attends. All required uniforms and equipment are issued free of charge by the United States Army.

At present there are two companies of the 100th Infantry Division (Reserve) located at the College. Reservists are given training in various military tactics, weapons, military justice, and other phases of military life. Active duty training is required of all Reservists. Members of the units are required to train annually for a two week period at an Army base. This training period begins on August 15, and ends August 29, each year. During the summer training period, each man has the same privileges of any other serviceman. Each man is paid a full two week's pay according to rank.

Since every able-bodied young man is now subject to the draft, there are several advantages to be derived from joining a Reserve unit. Some of these are:

1. Time spent in the Reserve is deducted from the eight-year obligation of military service now faced by each able-bodied young man.
2. Each Reservist is paid one day's pay for each unit meeting he attends.
3. When called for induction a Reservist may apply for active duty in his Reserve rank or grade. Reservist may be promoted as high as the rank of Master Sergeant. Thus, while Reserve training does not exempt anyone from the draft, it does prepare a young man for active duty and gives him a definite head start on the man who has not had Reserve unit training.
4. The Army Reserve Program is part of the American defense plan to prepare men to be ready to defend the country at any time.

The Military Reserve Program is part of the regular college Credit one-half hour each semester. Reservists follow the same academic programs as other students and may qualify for graduation in the same time required by those not in the Reserve.

REGIONAL EDUCATION PLAN in VETERINARY MEDICINE for RESIDENTS of KENTUCKY

Since there is no college or university in the State of Kentucky which offers training in Veterinary Medicine, the State, through the Regional Education Plan, has made it possible for a limited number of qualified youth of Kentucky to enroll in the approved School of Veterinary Medicine at Tuskegee Institute, Tuskegee Institute, Alabama.

Under this plan the State pays Tuskegee Institute the equivalent of the out-of-state fee. Thus, the student from Kentucky will have to pay only the small fee usually paid by a resident of the State of Alabama.

To enter the School of Veterinary Medicine at Tuskegee Institute, a student must have completed a two-year, pre-veterinary program, or its equivalent. This must include the courses basic to the study of Veterinary Medicine.

Interested students should write the Registrar of Tuskegee Institute or the Dean, School of Veterinary Medicine at Tuskegee, for course requirements and other details.

Applications for approval under the Regional Plan should be sent to—

Dr. R. B. Atwood, Member
Certification Committee
Kentucky State College
Frankfort, Kentucky

After certification the approved applications will be sent to Tuskegee Institute and the necessary "Permit to Register" will be mailed to the applicant.

Trained Veterinarians are needed in every section of the country and in many fields of endeavor. Veterinary Medicine leads to careers in the following: Private Practice, food inspector, college instructor, stock farm manager, animal disease, control officer, supervisor of field, regulatory work, army service, and research.

Tuskegee Institute offers a six-year course leading to the degree of Doctor of Veterinary Medicine.

The first two years are pre-professional and the required work is offered through the major in General Science. In addition, candidates should take the required work in Animal Science in the Department of Agriculture.

The professional curriculum is offered by the School of Veterinary Medicine. It requires four years of specialized study.

Applicants for the four-year professional course must have earned 60 semester hours of credit, above high school, with a grade of "C" or better. These credits must have been earned in the following subjects:

	Sem. Hrs.
ENGLISH	12
PHYSICAL SCIENCE:	
a. Chemistry (General, Qualitative Analysis and Organic)	12
b. Physics—(one year)	6
BIOLOGICAL SCIENCE:	
a. Zoology. (General, Comparative Vertebrate Anatomy)	8
b. Embryology	2
c. Genetics	2
d. Botany	2
ANIMAL SCIENCE:	
a. Elements of Animal Husbandry	2-3
b. Poultry Husbandry	2-3
ELECTIVES	12
Group I —Literature, Public Speaking, Logic, a Foreign Language, Philosophy and Psychology.	
Group II —Political Science, Economics, History and Sociology.	
Group III—Mathematics, Algebra, Trigonometry and Statistics.	
Group IV—Livestock judging and Free Electives.	

Also, applicants in possession of Bachelor degrees in agriculture, chemistry, or biological sciences (including pre-med.) who have completed the requirements for these degrees with an accumulative grade point average in excess of "C" or its equivalent shall be considered AT THE DISCRETION OF THE COMMITTEE ON ADMISSIONS IN THE SCHOOL OF VETERINARY MEDICINE for admission to the professional curriculum in Veterinary Medicine. Upon recommendation of the Committee on Admissions, stated prerequisite courses which individuals have not completed shall be waived and the applicant admitted to the professional curriculum. In no case may applicants be considered favorably under the above conditions who have not completed a course in Organic Chemistry.

Students who wish to complete requirements for a degree before entering upon this cooperative program, may take one of the following programs.

BIOLOGY—VETERINARY MEDICINE

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
P. Ed. 101—Orientation in P. Ed.	1/2	P. Ed. 102—Orientation in P. Ed.	1/2
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
	16 1/2		17 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Eng. 211—English Literature	3	Eng. 222—American Literature	3
Fren. 201—Intermediate French	3	Fren. 202—Intermediate French	3
Biol. 211—Genetics	3	Biol. 212—General Botany	3
Ed. 221—Human Dev. & Psy. I.	3	Ed. 222—Human Dev. & Psy. II.	3
P. Ed. 201—Recreational Act.	1/2	P. Ed. 202—Recreational Act.	1/2
	16 1/2		16 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Eng. 201—Public Speaking	2	Soc. 202—Intro. Social Science	3
Sci. 211—Physics	4	Biol. 302—General Bacteriology	3
Biol. 301—Gen. Human Physiology	4	Biol. 304—Vertebrate Embryology	4
Biol. 303—Vertebrate Anatomy	4	Sci. 212—Physics	4
Soc. 201—Intro. Social Science	3	Elective	3
	17		17

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Biol. 401—Entomology	4	Agr. 104—Farm Poultry	4
Agr. 53—Farm Animals	4	Chem. 202—Organic Chemistry	4
Chem. 201—Organic Chemistry	4	Electives	7
P. Ed. 221—Health Education	4		
	16		15

DEPARTMENT OF AGRICULTURE

A process of discontinuation of the Department of Agriculture began in September, 1958. Under this plan no more freshmen will be admitted to the four year program. Freshmen who state specifically that they wish to take a two year course in Agriculture will be enrolled for such work at the beginning of the school year 1959-60. Thereafter, no new students will be admitted to this Department. Courses in this Department will be offered through the school year 1960-61.

The major in Agricultural Education consists of a four year course leading to a Bachelor of Science Degree. The program of Agricultural Education is designed to prepare students to become teachers of agriculture, county extension agents, and practical farm operators. Opportunity for practical experiences is provided for students by using the college farm of 268 acres as a laboratory. This farm consists of a modern farm home and dormitory to house majors in agriculture, a barn, tools, machinery, sheds, workstock, Holstein and Jersey cattle, beef cattle, swine and poultry.

Students must demonstrate that they have a practical knowledge of farm activities and rural life conditions before receiving their degrees. Students entering the Department of Agriculture, who have not had farm experience, must receive such experience while pursuing their college work. A year of farm residence is required of all majors in agriculture before receiving a degree.

COURSE DESCRIPTION

AGRICULTURE 101, 102, 201, 202, 301, 302. *Farm Practices*.—Each student is required to spend not less than four hours a week on the college farm. Assignments to be made each semester based on his needs, experience and aptitudes. Laboratory work. Credit 1 hour each semester. Required of Agriculture majors.

AGRICULTURE 103. *Farm Animals*.—A general survey course in animal husbandry. A study of types and breeds, together with market classifications. A part of the time will be devoted to selection, judging, care and management of farm animals. Credit 4 hours.

AGRICULTURE 104. *Farm Poultry*.—A study of the poultry enterprise with special emphasis on the future of the industry in Kentucky. The course will cover classification of breeds and varieties of chickens. A study of the anatomy, ailments, care, housing, selection, breeding and processing for market purposes. Also attention will be given to incubation, colony and battery brooding. The farm poultry plant will be used as a laboratory. Credit 4 hours.

AGRICULTURE 105-106. *General Horticulture*.—This course will deal with the fundamental practices in horticulture, plant classification and preparatory to orchard establishment. The care and management of orchards with indicated skills in pruning, spraying, harvesting and marketing fruits. Credit 2 hours in each course.

AGRICULTURE 108. *Farm Mechanics*.—A general course in farm mechanics. This course is designed to qualify students for doing ordinary farm building construction and repair. Students are to be taught the use of woodworking tools as well as the care for them. Credit 3 hours.

AGRICULTURE 203. *Farm Crops*.—A study of field and forage crops; their classification, value, production, cultivation and use. Crops produced in the State and in the south will be stressed. There will be classroom recitation and laboratory work on college farm. Credit 4 hours.

AGRICULTURE 204. *Advanced Farm Crops*.—A course dealing with the theory and practices of crop production and scientific management of farm land. Special emphasis will be given to cash crops in Kentucky. Laboratory exercises will constitute a large part of the work in this course. Credit 4 hours.

AGRICULTURE 205. *Farm Mechanics*.—This course will provide skills in the operation of farm machinery, such as tractors, binders, grinders and haying tools. Credit 3 hours.

AGRICULTURE 207. *Farm Soils*.—This course will deal with the classification of soils, with emphasis on those in the State. Special attention will be given to adaptability, care and management. Fertilizers, manures, and lime will be considered in this course. Credit 4 hours.

AGRICULTURE 212. *Vegetable Growing*.—The art and science of growing vegetables, sowing and planting, cultural methods, cropping systems, harvesting and marketing, the construction of hotbeds and coldframes, and greenhouses. The college farm will serve as a laboratory. Credit 3 hours.

AGRICULTURE 214. *Principles of Animal Nutrition*.—This course will deal with the types and varieties of feeds for farm animals. Attention will be given to the newer discoveries in animal nutrition, including the functions and importance of vitamins and minerals for economic production of animals for meat, milk, work and wool. Also, attention will be given to plans for home production of both roughages and concentrates. Laboratory exercises will be carried out on college farm where feasible. Credit 4 hours.

AGRICULTURE 221. *Soils and Fertilizers*.—This course will deal with soils and fertilizers as these two constituents affect the growth of plants in their inter-relationships. Instruction will deal with the composition of soils and fertilizers. Special emphasis will be given to the study of the chemical properties of fertilizers, and trace elements. Credit 3 hours.

AGRICULTURE 303. *Farm Dairying and Dairy Manufacture*.—The work in this course will deal with selection, judging, together with herd management and production of grade "A" milk. A study of dairy breeds, the small farm dairy enterprise, pasturage and forage

crops. Emphasis will also be given to milk testing, butter-making and other milk products. Laboratory work will be required of all agriculture majors. Credit 4 hours.

AGRICULTURE 306. *Farm Animal Sanitation*.—This course is intended to: (1) enable the student to understand and appreciate the attributes of healthy animals; (2) to be able to prevent, diagnose, combat and control the more common diseases of farm animals.

AGRICULTURE 308. *Marketing Farm Products*.—This course will deal with marketing of agricultural products, functions and principles of marketing. Federal and State legislation relating to marketing farm products, and problems dealing with marketing. Credit 3 hours.

AGRICULTURE 421. *Agricultural Economics*.—A study of general economic principles as applied to the field of agriculture. Students will be required to make a study of the production, consumption, value, and the distribution of farm products. Credit 3 hours. Required of all majors in Agriculture.

AGRICULTURE 423. *Farm Management*.—This course is intended to teach the student the science of selecting and managing a farm economically and productively. It will deal with such features as extensive and intensive farming, farm accounting, labor problems, capital, investments and size of farms generally found to be the most profitable. Credit 3 hours.

AGRICULTURE 432. *Teaching Vocational Agriculture*.—This course is designed to develop the understanding and ability of the trainee to carry out the aims of vocational education in agriculture. It will include the selection of course content, making surveys, a study of State reports, organizing classes, preparation of visual aids and preparing farm products for exhibits. This course will also include Observation and Directed Teaching which will be done in designated local training centers, under the direction of supervising teachers and teacher-trainer for agricultural education. Credit 18 hours.

DEPARTMENT OF BIOLOGY

The principal objectives of the Department of Biology are:

1. To provide for all students of the college a general biological background necessary for the understanding of related subject-matter and general intellectual development.
2. To give basic training toward qualifying students to pursue work in certain technical and vocational fields based upon the biological sciences.
3. To qualify major students to teach biology and general science subjects in the common schools of Kentucky and elsewhere.

4. To prepare students for entrance into studies leading to higher degrees in Biology, Dentistry, and Medicine.

Majors in Biology, General Science, Agriculture, and Home Economics should begin with Biology 103. One year of Social Science is recommended for all majors.

Note: For laboratory fees please refer to student fees and expenses.

COURSE DESCRIPTION

BIOLOGY 101. *Life Science*.—A comprehensive general consideration of the fundamental organization of living things, their structure and function in relation to the interacting factors of the external and internal environments. A survey of the living world of animal and plant organisms with special attention to representative types and relationships. Two hours lecture; two hours laboratory and demonstrations per week. Credit 3 hours.

BIOLOGY 102. *Life Science*.—Continuation of Biology 101. Study of basic biological principles and problems in relation to the requirements of man. Special consideration is given body structures and functions; problems pertaining to nutrition, development, adjustment, heredity, et cetera, and improvement of man and his surroundings. Two hours lecture; two hours laboratory and demonstrations per week. Prerequisite: Biology 101. Credit 3 hours.

BIOLOGY 103. *Life Science*.—Studies and observations on the morphology, life processes, ecology and systematic arrangement of invertebrate animals and their role in the economy of man; discussions of the fundamental principles involved. Two hours lecture; four hours laboratory per week. Credit 4 hours.

BIOLOGY 104. *Life Science*.—Continuation of Biology 103. Emphasis on the morphology, physiology and life processes of arthropods and vertebrate animals. Two hours lecture; four hours laboratory per week. Prerequisite: Biology 103. Credit 4 hours.

BIOLOGY 211. *Genetics*.—Study and discussion of the laws and principles of heredity and variation as they relate to plants and animals with special reference to their application in the service of mankind. Evaluation of the observational, experimental, biometrical, cytological and embryological methods of approach. Two hours lecture and demonstrations; two hours laboratory per week. Prerequisite: Biology 103-104. Credit 3 hours.

BIOLOGY 212. *General Botany*.—Basic studies in plant life; the morphological and physiological organization, systematic grouping, ecological relationships, and economic importance of plants. Two hours lecture; two hours laboratory. Credit 3 hours.

BIOLOGY 301. *General Human Physiology*.—General treatment of function and activity in the human body, stressing the individual behavior of cells, tissues, organs, and systems in relation to each

other, and in the coordinated activity of the human organism; consideration of work on contractility, conductivity, respiration, translocation of materials, and other problems in physiology. Two hours lecture; four hours laboratory. Prerequisite: Biology 103-104 and Chemistry 101-102; Physics 211-212 is recommended. Credit 4 hours.

BIOLOGY 302. General Bacteriology.—A presentation of the fundamentals of modern microbiology, particularly the morphology, classification, distribution, cultivation and observation, physiology, and environmental relations of bacteria, yeasts, molds and certain protozoa; discussions of microorganisms in health, the home, agriculture, and industry. Two hours lecture; two hours laboratory per week. Prerequisite: Biology 103-104, Chemistry 101-102. Credit 3 hours.

BIOLOGY 303. Comparative Vertebrate Anatomy.—A consideration of the relationships of chordate groups; the structure and significance of various organs and systems of typical vertebrates, along with a discussion of the history and habitat of the various groups. Two hours lectures; four hours laboratory per week. Prerequisites: Biology 103-104. Credit 4 hours.

BIOLOGY 304. Vertebrate Embryology.—A study of the developmental stages of the higher vertebrates, from fertilization to the adult form. The laboratory work consists of a study of various embryonic stages of the chick and pig. Two hours of lectures; four hours of laboratory work per week. Prerequisites: Biology 103-104. Credit four semester hours.

BIOLOGY 311. Human Anatomy.—Special emphasis is placed on internal anatomy; circulation; and muscular, skeletal and nervous systems. Laboratory work consists of study of the cat; charts, models and skeleton of man. Two hours lectures; four hours laboratory per week. Prerequisites: Biology 103-104. Credit 4 hours.

BIOLOGY 401. General Entomology.—A study of the basic structure, physiology, classification and relationships of insects; discussion of the principles of behavior, sonification, specialization, metamorphosis, and development. Attention is given both injurious and beneficial insects. Two hours lecture; four hours laboratory and field work per week. Prerequisite: Biology 103-104. Credit 4 hours.

BIOLOGY 410. Special Problems in Biology.—A course in which advanced major students in biology who show exceptional capability and interest in the field are permitted, under direction of the major professor, to pursue an investigation. Arranged. Credit 1 or 2 hours each semester.

DEPARTMENT OF BUSINESS ADMINISTRATION AND ECONOMICS

The Department of Business Administration and Economics offers curricula leading to the Bachelor of Science Degree with major emphasis in Business Administration, Business Education, and Secretarial Science.

BUSINESS ADMINISTRATION CURRICULUM REQUIREMENTS

The objectives of the curriculum are: (A) To provide training in those phases of business that concern every member of organized society; (B) To provide students with a knowledge and understanding of the changing and developing character of our economic society and the responsibility incumbent upon educated men and women engaged in economic activity; (C) To provide training in methods, techniques, and principles underlying modern business as a foundation for business careers in industry, government, and as business owners and operators.

All students pursuing this program are required to follow a common schedule during the freshman and sophomore years. At the beginning of the junior year, each student shall select one of three options in the curriculum: Accounting, Economics, or Marketing. A student must complete five courses (including internship) in the option chosen.

BUSINESS EDUCATION CURRICULUM REQUIREMENTS

This curriculum is designed to prepare students for the teaching of bookkeeping, basic business practices, or general or social business subjects; office machines, office procedures, stenography, and typewriting on the junior high and senior high school levels.

If a student has completed a year or more of typewriting or shorthand in high school, he will receive no credit for B. A. 101 or 211. The student may enroll in B. A. 102 or 212 provided he can demonstrate upon examination (given on the first day of class) the level of proficiency specified in the descriptions for these courses. Students electing B. A. 102 and B. A. 212 in the first semester shall be required to elect at least five credit hours in other secretarial science courses.

SECRETARIAL SCIENCE CURRICULUM REQUIREMENTS

This curriculum is planned for the training of persons qualified to handle secretarial and office management positions of some responsibility, including those of office supervisor, administrative secretary, and executive secretary.

Requirements for B. A. 101, 102, 211 and 212 are the same as those listed under the Business Education curriculum.

COURSE DESCRIPTIONS

ACCOUNTING

BUSINESS ADMINISTRATION 261-262. *Principles of Accounting.* A study of the fundamental principles of accounting as they apply to modern business practice, including the theory of debit and credit, accounting records of various kinds, simple balance sheets and income statements. Three lectures and three laboratory periods each week. Credit 4 hours for each course.

BUSINESS ADMINISTRATION 361-362. *Intermediate Accounting.* A study of the trends in accounting practice, an analysis of financial statements, and an analysis of partnership and corporation accounting. Credit 3 hours for each course.

BUSINESS ADMINISTRATION 461. *Governmental Accounting.* A study of budgetary controls, systems, theories and an application of the principles of fund accounting and reporting for governmental units. Prerequisite B. A. 362. Credit 3 hours.

BUSINESS ADMINISTRATION 462. *Federal Income Tax Accounting.* A study of the preparation of individual income tax returns and those of partnerships and corporations. Prerequisite B. A. 362. Credit 3 hours.

BUSINESS ADMINISTRATION 481. *Cost Accounting.* A study of the principles, practices, and procedures involved in collecting, assembling, analyzing, and controlling manufacturing costs: material, labor, and overhead. Prerequisite B. A. 362. Credit 3 hours.

BUSINESS ADMINISTRATION

BUSINESS ADMINISTRATION 111-112. *Business Mathematics.* The development of arithmetic skills and the application of these to business problems including mark-up, insurance, partnership and corporation problems, sinking funds, interest, present values and annuities. Credit 3 hours for each course.

BUSINESS ADMINISTRATION 121. *Business Orientation.* An introduction to the field of business and an evaluation of the student's personal qualities. Credit 1 hour.

BUSINESS ADMINISTRATION 204. *Business English.* A comprehensive treatment of the major principles of business communication, an analysis of the most widely used forms of business writing — the letter, the report, and the memorandum — and a discussion of the associated skills of dictation and reading. Credit 2 hours.

BUSINESS ADMINISTRATION 321-322. *Business Law.* A study of the legal aspects of business relating to contracts, agency, negotiable instruments, organization, real and personal property, and the application of legal theories to cases. Credit 3 hours for each course.

BUSINESS ADMINISTRATION 323. *Business Organization.* A critical examination of the principles of management and organization of various business forms and control devices, procedures and policies. Credit 3 hours.

BUSINESS ADMINISTRATION 333. *Personnel Administration.* An examination of the problems of supervision of employees and the development of policies relating to effective utilization of human resources in business concerns. Credit 3 hours.

BUSINESS ADMINISTRATION 490. *Internship.* Work experience under college supervision. Credit 3 hours.

BUSINESS EDUCATION

BUSINESS ADMINISTRATION 360. *Principles of Business Education.* Consideration of the problems and methods in teaching general business, bookkeeping, shorthand, typewriting, and related business subjects in junior and senior high schools. Credit 3 hours.

BUSINESS ADMINISTRATION 402. *Methods and Materials in Business Education.* Applied instructional procedures with the use of supplementary materials, including audio visual aids, are taught for the teaching of typewriting, shorthand, secretarial procedures and office machines on the high school level. Seven class sessions per week for nine weeks. Credit 3 hours.

ECONOMICS

ECONOMICS 211. *Principles of Economics.* A study of the theory of Income, Distribution, Employment and Value Theory. Credit 3 hours.

ECONOMICS 311. *Business Statistics.* The study of the theories and techniques of statistical methods applicable to economics and business and the development of tools necessary for decision making as employed in research. Credit 3 hours.

ECONOMICS 321. *Economic Geography.* An examination of the influences of climate, soil, topography on the world environment and how these natural phenomena affect man's economic activities. Credit 3 hours.

ECONOMICS 401. *Public Finance and Taxation.* An examination of the collections and expenditures of public revenue, custody of public funds, and systems of taxation. Prerequisite Economics 211. Credit 3 hours.

ECONOMICS 402. *State and Local Taxation.* A survey of the development and source of tax revenue in the state, county, city, municipality and other tax units. Prerequisite Economics 401. Credit 3 hours.

ECONOMICS 411. *Money and Banking.* The nature and function of money, its relationship to credit and prices, and a study of the national banking system. Prerequisite Economics 211. Credit 3 hours.

ECONOMICS 412. Corporate Finance. An examination of the principles of financing capital and securities for business organizations. Prerequisite Economics 411. Credit 3 hours.

ECONOMICS 422. Current Economics. A survey of contemporary monetary and other economic problems. Credit 3 hours.

MARKETING

BUSINESS ADMINISTRATION 351. Principles of Marketing. Study of the movement of goods from producers to consumers and an examination of the functions of the marketing process, marketing institutions, channels of distribution, legal aspects and policy considerations. Credit 3 hours.

BUSINESS ADMINISTRATION 352. Principles of Advertising. The role of advertising in the modern marketing process with some practice in the preparation of copy for various media. Credit 3 hours.

BUSINESS ADMINISTRATION 451. Principles of Salesmanship. Basic principles involved in the selling process. Credit 3 hours.

BUSINESS ADMINISTRATION 452. Principles of Real Estate. A study of real estate economics, including the real estate business contract, financing, real estate law and valuation. Credit 3 hours.

BUSINESS ADMINISTRATION 454. Principles of Life Insurance. An analysis of the economics of life insurance, types of policies, special forms, and fundamental principles of rate making. Prerequisites Economics 211 and Business Administration 411. Credit 3 hours.

SECRETARIAL SCIENCE

BUSINESS ADMINISTRATION 101. Elementary Typewriting. Proficiency in the use of the typewriter. The ability to produce simple letters, tables and manuscripts satisfactory in form, arrangement, and appearance. The ability to type forty words a minute for five minutes with a high degree of accuracy. Four class periods per week. Credit 2 hours.

BUSINESS ADMINISTRATION 102. Intermediate Typewriting. Continuation of Business Administration 101 with emphasis on timed production of the forms required in Business Administration 101 with the addition of telegrams, memos, invoices, ruled tables, etc. The ability to type fifty words per minute for ten minutes with a high degree of accuracy. Four class hours per week. Credit 2 hours.

BUSINESS ADMINISTRATION 201. Advanced Typewriting. Emphasis upon the production of all letter styles, stencils, programs, multiple carbons, legal documents, proofreading rough drafts, application letters and other forms. The ability to type sixty words per minute for ten minutes with a high degree of accuracy. Four class hours per week. Credit 2 hours.

BUSINESS ADMINISTRATION 211. Elementary Stenography. A mastery of the principles of Gregg Shorthand with emphasis on the reading and writing of shorthand notes. Simple dictation and transcription. Credit 3 hours.

BUSINESS ADMINISTRATION 212. Elementary Stenography. Continuation of Business Administration 211. Speed and accuracy in dictation and transcription. Ability to receive dictation at the rate of 80 words per minute with a high degree of accuracy in transcription. Credit 3 hours.

BUSINESS ADMINISTRATION 311. Dictation and Transcription. Development of minimum dictation speed of 120 words per minute for five minutes on new material. Credit 3 hours.

BUSINESS ADMINISTRATION 324. Filing. Basic principles of indexing, coding, and filing. Knowledge of the various systems with practice. Two class meeting per week. Credit 1 hour.

BUSINESS ADMINISTRATION 325. Office Machines. Adding-listing, calculators, duplicating, voicewriting and other small machines. Credit 2 hours.

BUSINESS ADMINISTRATION 421. Secretarial Practice. An integrated course combining the skills in shorthand and typewriting. Concerned with the taking of minutes, report writing, manuscripts, office style dictation and the solving of problems which arise in the office. Credit 3 hours.

BUSINESS ADMINISTRATION 422. Secretarial Office Internship. Work in business offices for approximately 15 hours per week for nine weeks. Credit 6 hours.

BUSINESS ADMINISTRATION 423. Seminar in Secretarial Science. Weekly conferences held in connection with Business Administration 422. Credit 3 hours.

BUSINESS ADMINISTRATION 442. Office Management. Problems involved in planning and directing the function of business and professional offices, including office building, layout, management and preparation of office manuals.

DEPARTMENT OF CHEMISTRY

The department offers instruction in the fundamental facts and principles of chemical science for:

- (1) The general student interested in the cultural aspects of Chemistry
- (2) Prospective teachers in the field of Chemistry.
- (3) Students who are preparing themselves for careers in home economics, agriculture, medicine, etc. Students interested primarily in medicine or in doing graduate work in Chemistry and not interested in securing a teaching certificate should consult the department adviser about their programs.

Students majoring or minoring in Chemistry must include Courses 101, 102, and 201 in the respective 24 or 18 hour requirement for majors and minors.

COURSE DESCRIPTION

CHEMISTRY 101. General Chemistry. This course is devoted to giving the student a thorough acquaintance with the fundamental modes of thought of the chemist. The laws and theories of Chemistry are taken up essentially from the experimental standpoint. The course is built up around the laboratory work, which includes experiments performed by the individual student, illustrating the properties of certain nonmetallic elements and their compounds, the laws on which the atomic theory is based, properties of gases, liquids and solids, solutions, theory of ionization, laws of mass action. The laboratory work is supplemented by classroom work in which these topics are discussed. Lecture two hours per week; laboratory four hours per week. Credit 4 hours.

CHEMISTRY 102. General Chemistry. A continuation of Chemistry 101. The relations of the elements to each other are emphasized in connection with the periodic system. Qualitative analysis is introduced. The lecture and recitation include a study of solutions and balancing of equations. The laboratory work includes a study of the methods of separating and identifying the common metals and acid radicals. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 201. Organic Chemistry. Prerequisite: Chemistry 102. A course dealing with the chemistry of carbon compounds. Special emphasis is laid upon the relationship existing between the various groups of the aliphatic series of carbon compounds and their derivatives. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 202. Organic Chemistry. Prerequisite: Chemistry 201. A continuation of Chemistry 201, covering such topics as tautomerism, stereo-isomerism, the sugars, and the aromatic compounds. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 203. Gravimetric Analysis. A course dealing principally with gravimetric methods of analysis. Special emphasis is laid upon the physio-chemical principles. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 204. Volumetric Analysis. Prerequisite: Chemistry 203. This course deals with volumetric analysis, theory and practices; acidimetry-alkalimetry, oxidation-reduction, iodimetry, study of indicators, and problems. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 302. Chemical Literature. This source has two main objectives; 1. to expose the student to contemporary Chemical Literature,

2. to acquaint the student with those methods and approaches which will enable him to search past records for needed information in the profession of Chemistry. Open to Juniors or Seniors. Credit 2 hours.

CHEMISTRY 305. Physical Chemistry. Elementary Physical Chemistry. Prerequisite: Permission of instructor. This course is devoted to a discussion of the fundamental principles of physical chemistry including such topics as the gas laws, Kinetic theory, solutions, ionization, colloids, rates of reactions, atomic structure and storage batteries. The laboratory work consists of experiments illustrative of the various laws and processes of physical chemistry. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 307. Bio-Chemistry. Prerequisites: Chemistry 201 and 203. This course deals with the processes common to plants and animals. Such topics as the chemical processes in photosynthesis and respiration will be treated in detail. Adequate time and treatment will be given to a discussion of the various food groups, organic catalysts, digestion et cetera. Lecture two hours; Laboratory four hours. Credit 4 hours.

CHEMISTRY 400. Advanced Inorganic Preparations. Prerequisite: Chemistry 204. This is mostly a laboratory course in which the student is required to use standard procedures for the preparation of pure inorganic compounds. Lecture one hour; laboratory six hours. Credit 4 hours.

CHEMISTRY 401. Problems in Chemistry. This course has some special study of interest for its purpose. Open to Juniors and Seniors who might qualify and who show promise in the field. Credit 4 to 6 hours.

DEPARTMENT OF EDUCATION-PSYCHOLOGY

AIMS:

The courses and curricula of the Department of Education are designed with the following aims in view:

- (1) To furnish the general students as well as the prospective teacher
 - a. With an understanding of the educational process which he is being subjected.
 - b. With an opportunity to acquire an appreciation for Education as a fundamental social institution.
- (2) To contribute to an understanding of the problems of what the school should be and what teachers should do in the process of carrying on the education of individuals.

- (3) To acquaint students with the Education requirements of the State of Kentucky for obtaining teacher's certificates in (a) elementary education, (b) secondary education, and (c) supervision and administration of elementary and high schools.

COURSE DESCRIPTION

EDUCATION 100. *Freshman Orientation*. Principles underlying successful study and use of the library; orientation in the college life and practices; methods of mental efficiency; a help class for freshmen. No credit.

EDUCATION 100A. *Social Life*. This course is concerned with the personal responsibility of the college student to himself and his family. Special attention is given to such topics as table etiquette, good grooming, dances and balls, telephone courtesy, etiquette in public, and other social usages. Credit 1 hour. Required of all Freshmen. (This course is offered by the Home Economics Staff).

EDUCATION 203. *General Psychology*. A first course in human behavior. Among the topics covered are: heredity and environment, development of the individual, motivation, emotion, the senses, perception, and personality. Special attention is given to the learning process. Credit 3 hours.

EDUCATION 204. *Educational Psychology*. An application of psychology to the problems of learning and teaching. Credit 3 hours.

EDUCATION 401. *Tests and Measurements*. Tests are studied and used with the aim of acquainting the prospective teacher with their use, purpose and comparative values. The philosophy underlying the measurement movement is developed and criticized. Credit 3 hours.

EDUCATION 440. *Educational Statistics*. An application of statistical and graphical methods of educational data. Credit 3 hours.

ELEMENTARY EDUCATION

ART EDUCATION 101. *Industrial Arts for Elementary Grades*. A practical course involving the use of tools and various materials suitable for classroom use. Industrial arts is considered as closely integrated with all school work. Suggested activities are evaluated and methods of presentation are discussed. Typical units are worked out. Activities: making decorative papers, simple bookbinding, clay modeling, weaving, and blockprinting. Lab fee, \$1.50 per semester hour. Credit 3 hours.

ART EDUCATION 105. *Principles of Art Education*. The course, as taught, will deal with the two major themes, appreciation and creation, with emphasis on the appreciative angle. Lettering, color theory and application, laws of design and their application, and picture study will be stressed. As a part of the development of their

various problems in poster making, book covers, color arrangement, etc., the student learns how and when to use to the best advantage the following media: pencil, crayon and water colors. An Introductory Course. Lab. fee, \$1.50 per sem. hr. Credit 3 hours.

EDUCATION 116. *Manuscript Writing*. A course designed to acquaint teachers at the elementary level with a form of print writing suitable for use in the primary grades. Credit 1 hour.

EDUCATION 201-202. *Fundamentals of Elementary Education*. To provide a graduated approach to student teaching in the elementary grades. Course 201 is devoted to problems of school management; how to handle these problems with minimum time and energy; how to cultivate a constructive and harmonious attitude toward school-community relations. The concept of a well organized, well managed school is sought through directed observation in the college Practice School. Course 202 deals most largely with problems of elementary classroom teaching. Study and practice are given in organizing materials for class work; acquainting pupils with modern methods of teaching the elementary subjects. The state course of study is a constant supplement to the chosen text. Credit 4 hours per course.

EDUCATION 212. *Teaching of Reading*. A method course designed to point out the knowledge and skills necessary for successful work as a teacher of reading in both the primary and grammar grades. Actual practice is given in teaching children to read. The problem of measuring progress is a distinct part of the course. Credit 3 hours.

EDUCATION 221. *Human Development and Psychology I*. This course is designed to present the essential concepts, findings and interpretations from psychological investigations concerning growth and development from birth through childhood. Special attention is given to biological foundations for human growth and development, cultural factors in development, learning and the educative process, and personality. Students are taught how to observe and to interpret the behavior of children, how to foster human relations for a democratic society, and to cultivate a sympathetic and understanding attitude toward child life, through first hand study of children. Credit 3 hours.

EDUCATION 400E. *Directed Teaching in Elementary Schools*. Practice in teaching the elementary subjects, and management of classes is given under immediate direction of the Practice School Staff in the college Practice School. Adequate facilities are provided for observation and participation in the regular work of the school. Periods arranged. Credit 4-8 hours.

EDUCATION 422. *Problems of Teaching in Elementary Education*. The following topics will be considered: Ways of discovering teaching problems; effective ways and means of discovering suitable

materials for working on problems; ways of using teaching materials; techniques of evaluating growth; special problems of the rural community; the use of community agencies as they are related to the improvement of teaching; actual experiences in observing and working with children in the training school. Credit 3 hours.

EDUCATION 423. *Teaching Science in the Elementary Grades.* Methods of teaching basic scientific facts and the role of science in modern day living. Credit 3 hours.

SECONDARY EDUCATION

EDUCATION 222. *Human Development and Psychology II.* This course deals with the various aspects of growth and development of the individual beginning with the onset of adolescence. Special attention is given to the process of growth of the whole individual in the common culture of the total environment, characteristic behavior of adolescents, study of the techniques of working with adolescents, study of the technique of analyzing the needs of adolescents, adolescents relationships with others, and actual experience in observing and working with adolescents. Credit 3 hours.

EDUCATION 302. *Vocational Education.* A study of the principles underlying vocational education with emphasis upon the relation of vocational education to the community. Reference is made to the application of these principles to the vocational situation in Kentucky.

EDUCATION 321. *Principles of Secondary Education.* The purpose is to present a brief, suggestive discussion of the underlying philosophy of secondary education. The larger aims and problems of the high school are given practical treatment. Credit 2 hours.

EDUCATION 400. *Directed Teaching in High School.* Credit 8-9 hours (Offered in practically all departments.)

EDUCATION 410-E. *Methods of Teaching English.* Credit 3 hours.

EDUCATION 410-H.E. *Methods of Teaching Home Economics.* Credit 3 hours.

EDUCATION 410-I.Ed. *Methods of Teaching Industrial Education.* Credit 3 hours.

EDUCATION 410-M. *Methods of Teaching Mathematics.* Credit 3 hours.

EDUCATION 410-N. S. *Methods of Teaching Natural Sciences.* Credit 3 hours.

EDUCATION 410-S.S. *Methods of Teaching Social Sciences.* Credit, 3 hours.

EDUCATION 412. *Administration of the Public Schools.* The principal, the staff, the pupil, program of studies, schedules, community relationships, records and reports, articulation, library, plant, finance, and the aims of public school education are the general themes studied in this course. Credit 3 hours.

EDUCATION 424. *Foundations of Education: Historical and Philosophical.* An intensive study of the historical and philosophical factors which have contributed to the development of present day education. Credit 3 hours.

EDUCATION 432. *Problems of Modern Education.* A brief survey of some of the problems of modern education. Credit 2 hours.

EDUCATION 452. *Fundamentals of Secondary Education.* This course provides a graduated preparation for student teaching on the secondary level. Study and practice are provided in organizing materials for class work as the prospective student-teacher is acquainted with general methods of high school instruction. Credit 3 hours.

DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION

The department of Health and Physical Education is organized to perform the following:

1. To prepare students to teach Health Education, Physical Education, Safety Education, direct recreational programs, for municipal parks, community centers, industrial concerns, YMCA, YWCA, and settlement houses.
2. To provide Physical Education courses both required and elective for the students of Kentucky State College.
3. To provide opportunity for wholesome recreation for students and faculty.
4. To cooperate with the medical department to keep the students and faculty in the best of health and in a healthy environment.
5. To provide vocations for livelihood.
6. To train athletic coaches and athletes.

Note: All majors in Health and Physical Education are required to purchase a regulation uniform with the major insignia upon it. Uniform consists of long trousers, T-shirt, shorts and gymnasium shoes. Majors also must own a tennis racket.

COURSE DESCRIPTION

PHYSICAL EDUCATION 101 (Men and Women). *Orientation in Physical Education.* An introduction to the seasonal major and

minor activities for all entering Freshman students. An attempt to develop physical fitness and an appreciation for physical activity. Credit ½ hour. Required of all Freshman students.

PHYSICAL EDUCATION 102 (Men and Women). *Orientation in Physical Education*. The teaching of the fundamentals, skills, techniques, and rules of seasonal, major and minor sports. Required of all Freshman students. Credit ½ hour.

PHYSICAL EDUCATION 103. *Elementary Techniques of Team Minor Sports*. The development of the fundamental skills in such sports as soccer, speedball, touch football, and volleyball is the aim of this course. Required of all majors. Credit 1 hour.

PHYSICAL EDUCATION 104. *Techniques of Individual Minor Sports*. This is a course designed to give the student basic elementary skill practice in dual, single sports, and gymnastics. Credit 1 hour.

PHYSICAL EDUCATION 111. *Introduction to Physical Education*. Orientation of the professional student to the total program of Health, Physical Education, and Recreation. The history of physical education is included in this orientation. Required of all majors. Credit 3 hours.

PHYSICAL EDUCATION 112. *Personal Hygiene*. A study of the factors involved in personal health to develop proper habits and attitudes relative to the individual. Credit 2 hours.

PHYSICAL EDUCATION 141. *Folk and Elementary School Rhythms*. Instruction and experience in folk and square dance fundamentals suitable for use in the elementary, junior and senior high school. Basic fundamental rhythms for use in elementary schools are included within this course. Required of all majors. Credit 2 hours.

PHYSICAL EDUCATION 201 (Men and Women). *Recreational Activities*. This course is designed to give an opportunity for the practice of fundamentals. Guidance is given to all Sophomores in the selection of activities for later life. Required of all Sophomores. Credit ½ hour.

PHYSICAL EDUCATION 202 (Men and Women). *Advanced Technique*. In this course special attention is given to form, strategy, technique and execution. An attempt is made to develop the highest possible skill in the activity so that the student can successfully participate in this activity in later life. Required of all Sophomores. Credit ½ hour.

PHYSICAL EDUCATION 213-214. *Modern Dance*. Open to those seriously interested in advanced techniques in modern dance and in doing original work in dance composition under direction. Required of Women Majors. Credit 1 hour each course.

PHYSICAL EDUCATION 221. *Health and Safety Education*. The teaching of home, transportation, industrial, and recreational safety and methods of teaching health information, lesson planning, correlation of health with other school subjects. Required of all Majors. Credit 4 hours.

PHYSICAL EDUCATION 242. *Advanced Techniques of Individual Sports*. A course for the development of advanced skills in performing individual sports. Emphasis is placed upon rules, strategy, officiating, and use of skill tests. Required of all majors. Credit 1 hour.

PHYSICAL EDUCATION 303. *Coaching Methods—Basketball*. Theory and practice of team play in Basketball with emphasis being put upon the latest systems. Credit 2 hours.

PHYSICAL EDUCATION 304. *Coaching Methods—Track and Field Events*. This course is designed to acquaint the student with both theory and practice in the skills and techniques needed for successfully coaching a track team. Students will get practical work in the organization and conducting of a track and field meet. Credit 2 hours.

PHYSICAL EDUCATION 321. *Organization and Administration of Intramural program*. History, present status, objectives, administration, and organization of units of competition, activities, schedule making, scoring and awards. Credit 3 hours.

PHYSICAL EDUCATION 323. *Principles of Physical Education*. This course is a study of the foundations of the scientific principles of physical education. The principles evolve from the facts of anatomy, physiology, sociology, and psychology; the formation, selection and evaluation of principles are considered in relation to education in general. Required of all majors. Credit 2 hours.

PHYSICAL EDUCATION 324. *Prevention and Care of Injuries*. The principles of emergency action in case of accidents and special care of the injured are presented. Special attention is given to prevention and care of athletic injuries with laboratory experience in bandaging, splinting, artificial respiration and etc. The American Red Cross Certificate can be granted to those successfully completing the course. Credit 2 hours.

PHYSICAL EDUCATION 331. *Kinesiology*. A study of the musculature and bone structure of the body in relationship to the science of movement, joint mechanisms, leverage, and muscle actions. Required of all Majors. Credit 3 hours.

PHYSICAL EDUCATION 341. *Advanced Techniques of Team Minor Sports*. A course for the development of advanced skills in performing team minor sports. Rules, game strategy and officiating are emphasized. Required of all majors. Credit 1 hour.

PHYSICAL EDUCATION 401. *Tests and Measurements.* The theory of measurement in physical education including construction of knowledge test, the measuring of motor capacity, sports, strength and physical fitness. Required of all Majors. Credit 3 hours.

PHYSICAL EDUCATION 402. *Observation and Directed Teaching.* Designed to give the student, through observation, participation, and classroom teaching, experience in the teaching of Physical Education and the development of classroom responsibilities. Credit 9 hours.

PHYSICAL EDUCATION 403. *Coaching Methods in Football.* Effective methods of coaching this sport with emphasis being put upon the latest systems. Credit 2 hours.

PHYSICAL EDUCATION 421. *Organization and Administration of Health and Physical Education Program.* A consideration of what should be included in a well balanced school health program. Special attention given to instructional courses, physical examinations, records, follow up, school lunch, environment and seating. Required of all Majors. Credit 3 hours.

PHYSICAL EDUCATION 431. *Methods and Materials of Teaching Physical Education.* This course includes an analysis of materials and methods suitable for the elementary, junior and senior high school levels. Teaching techniques, problems and details of organization and planning are considered. Required of all majors. Credit 3 hours.

PHYSICAL EDUCATION 443. *Organization of Playgrounds and Recreation.* Details with city problems as related to play and recreation, city planning, powers and abilities, programs, leagues, tournaments, equipment and supplies, and public relations. Credit 3 hours.

DEPARTMENT OF HISTORY AND GOVERNMENT

The Department of History and Government aims to give the student a knowledge of

- (1) The privileges and duties of citizenship.
- (2) The relationships among social, political, economic and intellectual forces in the modern world.
- (3) The basic methods of historical research.

COURSE DESCRIPTION

HISTORY 101-102. *World Civilization.* The typical literature, art, music, architecture, other fine arts, religions, and customs of various people and nations of the world. Effort is made to give a grasp of the historical and institutional setting from which these cultures came. Credit 3 hours for each course.

HISTORY 201-202. *United States History.* The political, economic, and social development of the United States from the colonial period to the present. Credit 3 hours for each course.

HISTORY 301. *Modern Europe.* The course treats, generally, the political and cultural history of Europe from 1500 to 1870. Particular emphasis is placed upon the rise and the rivalry of national monarchies, the growth of democracy, and the unification of Italy and Germany. Credit 3 hours.

HISTORY 302. *Modern Europe.* This is a continuation of History 301 and deals with Europe since 1870. Special attention is given to diplomacy from 1870 to 1914; both world wars and their post-war problems; and contemporary developments affecting present-day Europe. Credit 3 hours.

HISTORY 311. *National Government.* A survey of the structure and function of the national government of the United States stressing the evolutionary nature of our constitutional republic. Credit 3 hours.

HISTORY 312. *State Government.* A survey of the structure and function of the state governments of the United States with emphasis upon constitutional developments. Credit 3 hours.

HISTORY 321. *English History.* A survey of English history from pre-Roman times to the close of the Glorious Revolution with particular emphasis upon constitutional developments. Credit 3 hours.

HISTORY 322. *English History.* A continuation of History 321. The growth of British democracy and world imperialism during the eighteenth, nineteenth, and twentieth centuries. Credit 3 hours.

HISTORY 403. *Hispanic American History.* A survey of the history of the nations of Hispanic America from the colonial period to the present. Particular attention is given their increasingly influential position in world affairs today. Credit 3 hours.

HISTORY 405. *Southern History.* The course covers the economic, social, political and cultural life in the southern states from colonial times to the present. It examines carefully the progress and problems of the South today. Credit 3 hours.

HISTORY 411. *Europe Since 1914.* An intensive study of causes and consequences of World Wars I and II; an appraisal of agencies and plans for collective security; a thorough treatment of totalitarian states; examination of critical problems of the Cold War period; and an introduction to techniques of research. Oral and written reports are required. Credit 3 hours.

HISTORY 414. *American Foreign Relations.* The United States in its relations with the outside world, emphasizing public opinion and the economic, social and political forces that have determined American foreign policy. Credit 3 hours.

DEPARTMENT OF HOME ECONOMICS

The educational program of the Department of Home Economics is designed to prepare for the responsibilities of homemaking and citizenship; for teaching homemaking in secondary schools; for graduate study in the various subject matter areas of home economics, and to qualify for a professional state certificate.

Each student is required to have white, short-sleeved uniforms; invisible hair net; and simple, low heeled shoes for work in foods.

Every student is required to purchase her own materials for clothing classes. It is recommended that students bring with them a kit containing needles, thimble, scissors, pins, tape measure and gauge.

HOME ECONOMICS 100. *Applied Art and Design*. The development of good taste and appreciation of art; color and design and their application to individual and home. Credit 4 hours.

HOME ECONOMICS 101. *Food Problems*. Source, selection, preparation and preservation of food materials; individual laboratory problems illustrating principles of cookery and their application. Credit 3 hours. (Lab. Fee \$1.50 per sem. hr.)

HOME ECONOMICS 104. *Child Care and Development*. Growth and development of the child from birth to six years. Observation and experience with pre-school children. Credit 4 hours. (Offered as an elective to non-majors).

HOME ECONOMICS 108. *Textiles and Clothing*. Study of textile fiber construction and labeling of material; testing material to determine serviceability; basic principles underlying use of patterns, construction and fitting of simple garments. Credit 3 hours.

HOME ECONOMICS 201. *Meal Planning and Table Service*. Nutritionally adequate menus at various income levels; a study of variety and grades of food material available in retail stores; meal preparation and table service for various social occasions. Credit 3 hours. (Lab. Fee \$1.50 per sem. hr.)

HOME ECONOMICS 204. *Family Clothing*. A study of family clothing problems; including construction and renovation of garments for men, women and children. Credit 3 hours.

HOME ECONOMICS 205. *Family Health and Home Care of the Sick*. (Formerly Home Nursing). A consideration of the responsibility of various members of the family in promoting health in the home and in the community. Four meetings per week. Credit 2 hours.

HOME ECONOMICS 208. *Housing Problems and Policies*. Analysis of factors making housing a problem; problem of housing in rural and urban communities; housing standards; governmental policies related to housing; programs designed to meet the housing problem. Credit 3 hours.

HOME ECONOMICS 302. *Nutrition and Dietaries*. Human requirements for dietary essentials as modified by age, sex, occupation, and other factors. Construction of practical diets to meet requirements. Credit 3 hours. Prerequisites: H. Ec. 101, and 201; Chemistry 101, 102; and concurrent Biology 302.

HOME ECONOMICS 303. *Household Equipment*. Selection, use and care of household equipment. Credit 3 hours.

HOME ECONOMICS 304. *Home Furnishings and Design*. Planning and decorating the house to meet personal family and economic problems involved in comfortable present day living. Trends in home furnishings, designs, arrangements, color in use as background information. Credit 3 hours.

HOME ECONOMICS 305. *Nutrition Work With Children*. Considers the problems of malnutrition and good nutrition as they affect childhood; practical methods for the eradication of malnutrition and continuation of good nutrition with emphasis on the school lunch. Adapted to meet the needs of teachers and others who because of their positions should be expected to contribute largely to the nutritional needs of the child. (Not open to Home Economics Majors). Credit 2 hours. (No Laboratory).

HOME ECONOMIC: 306. *Family Relationship*. The study of responsibility of each member of the family in sharing home activities, understanding of financial problems, use of leisure time and how social and economic changes affect family life. Credit 4 hours. (Elective for other departments.)

HOME ECONOMICS 307. *Advanced Clothing*. The study of historic and period costumes, accessories, and tailoring. Practical applications are made by sketching design, then draping. You will be required to make two garments, one as result of study of historic costumes and a tailored garment of silk or wool. Credit 3 hours.

HOME ECONOMICS 308. *Economic Problems of the Family*. Responsibilities of the family and its effectiveness in meeting them; adequacy of family incomes for supporting family members; economic position of house keeping women; problems arising in the disbursement of family income; economic aspects of divorce; meeting family responsibilities with loss of income from unemployment, disability, death, old age. Credit 3 hours. (Offered as elective to other departments.)

HOME ECONOMICS 400. *Home Management*. Experiences are provided for each student to plan, coordinate, and evaluate the various activities involved in managing a home. Residence of six to eight weeks in the Home Management House is required. Credit 5 hours.

HOME ECONOMICS 401. *Foods for Special Occasions*. Problems involved in cooking for large groups, the hospitable roles associated with such occasions, and the use of new products (frozen foods,

flour mixes) in the preparation of meals. Prerequisites H. Ec. 101, 201 and 302. Open as an elective to home economics majors only. Credit 4 hours.

HOME ECONOMICS 402. *Adult Homemaking*. This course prepares students to teach adults. Organization, promotion and teaching of adult classes in homemaking. Observation and participation in adult classes required. Credit 2 hours.

DEPARTMENT OF VOCATIONAL AND INDUSTRIAL EDUCATION

Industrial Education is a phase of general education that concerns itself with materials, processes, and products of manufacture, and with the contribution of those engaged in industry. It, therefore, has general values that apply to all levels and to all subject fields.

AIMS:

- (1) To prepare all students enrolled in this department as majors to teach general shop in the public schools.
- (2) To make majors reasonably proficient craftsmen for teaching unit shop activities.
- (3) To broaden their professional knowledge in the field of vocational and industrial education.
- (4) Students majoring in other fields may elect certain basic shop subjects as a means of broadening their knowledge of and respect for tools, materials, and processes of industry, and industry's contribution to the whole educational process.

A student may take the following courses for a major in Industrial Education to meet the general requirement for a teaching certificate: I. A. 101, 102, 111, 112, 201, 202, 211, 362, and 410. Majors may choose a special field in the junior year—metal work, drafting, woodwork, or radio. A student who chooses industrial arts as a second major take I. A. 101, 102, 111, 112, 211, 121, 122, 201, 202, 321, and 262 or Ed. 410 I. Ed.

COURSE DESCRIPTION

INDUSTRIAL EDUCATION 101. *Mechanical Drawing*. Freehand lettering. Care of the exercises in the use of instruments. Principles of orthographic projection, sketching, and dimensioning. Problems in machine drawing. Credit 3 hours.

INDUSTRIAL EDUCATION 102. *Mechanical Drawing*. Inked drawings. Sections and conventions. Problems in machine drawing and surface development. Credit 3 hours.

INDUSTRIAL EDUCATION 111. *General Shop (Crafts)*. Introductory course involving basic units in crafts not introduced in other courses. There will be projects and exercises in leather, plastics, ceramics, and art metal. Credit 3 hours. Laboratory Fee \$1.50 per semester hour.

INDUSTRIAL EDUCATION 112. *Elementary Woodwork*. Care and use of handtools. Study of woodworking materials. Simple joinery. Use of wood finishing materials. Credit 3 hours. Laboratory Fee \$1.50 per semester hour.

INDUSTRIAL EDUCATION 121, 122, 321. *Electric Servicing*. Each student majoring in the department is required to spend at least two hours per week learning how to service electric equipment. Assignments are based upon individual needs and previous experiences of the student. Credit one hour each semester.

INDUSTRIAL EDUCATION 132. *Industrial Mathematics*. An Arithmetical review followed by fundamentals of applied algebra, geometry, and trigonometry and their relation to shop and field practice. Instruction will be adapted to individual need. Credit 3 hours.

INDUSTRIAL EDUCATION 201. *General Metal*. Operation and information units in bench metal, sheet metal, forging, heat treating, welding; practice in construction of projects. Credit 3 hours. Laboratory Fee \$1.50 per semester hour.

INDUSTRIAL EDUCATION 202. *Machine Shop*. Use of files, chisels and other bench tools. Use of precision instruments. Beginning practice on the lathe, shaper, drill press, grinder, and milling machine. Credit 3 hours. Laboratory Fee \$1.50 per semester hour.

INDUSTRIAL EDUCATION 211. *Cabinet Making*. Advanced hand woodworking units; operation of common woodworking tools; care and sharpening of tools; related information; construction and finishing of furniture projects. Credit 3 hours. Laboratory Fee \$1.50 per semester hour.

INDUSTRIAL EDUCATION 212. *Industrial Design*. Problems of design in furniture. Decorative design. Other problems of design in industry as special problems of the draftsman. Credit 3 hours.

INDUSTRIAL EDUCATION 221. *Machine Woodworking*. Production work on woodworking machines. Cabinet assembly. Maintenance of woodworking machinery. Credit 3 hours.

INDUSTRIAL EDUCATION 301. *Machine Shop*. More difficult work on lathe, thread cutting, knurling, boring and taper turning. Further use of shaper, drill press, and milling machine. Credit 3 hours. Laboratory Fee \$1.50 per semester hour.

INDUSTRIAL EDUCATION 311. *Radio*. Circuit diagrams symbols. Cells and batteries, A. C. principles, condensers, resonance, and radio principles. Electron tubes, modern tubes, and power supply. Credit 3 hours.

INDUSTRIAL EDUCATION 312. *Radio*. Audio frequency amplifiers, speakers, phone-pickups, microphones, and tone control. Radio receivers, high frequency amplifiers, detector circuits, universal A. C.-D. C. receivers, push button tuning systems, oscillators, antennas, and the cathode ray tube. Credit 3 hours.

INDUSTRIAL EDUCATION 332. *Building Construction*. A study of frame and veneered buildings, the various types of construction and structural materials involved. Topics covered include the layout, foundation, framing, joists, walls and floor. Credit 3 hours.

INDUSTRIAL EDUCATION 341. *Machine Cabinet Making*. Continuation of I. Ed. 211, with increased emphasis on craftsmanship and the development of a high degree of skill in furniture construction. Credit 3 hours. Lab. fee \$1.50 per semester hour.

INDUSTRIAL EDUCATION 362. *Preparation of Instructional Material*. Advantages and disadvantages of written instruction. Types of instruction sheets. Duplicating and the proper choice of instructional material. Credit 3 hours.

INDUSTRIAL EDUCATION 401. *Painting and Interior Decorating*. General painting information. Composition of paints. Preparing and painting surfaces. Painting difficulties. Composition and use of stains, varnishes and enamels. Paint colors. Preparing plaster for paint. Painting estimates. Credit 3 hours.

EDUCATION 410. I. EDUCATION. *Methods of Teaching Industrial Education*. Aims and objectives of industrial education. Lesson planning. Shop planning and management. Use of text and related material. Grading shop work. Survey of literature in the field of industrial education teaching. The shop teacher's responsibility. Credit 3 hours.

INDUSTRIAL EDUCATION 451. *Architectural Drawing*. Foundation and floor plans. Elevations. Sections and details of house construction. Architectural symbols. A complete home is planned and drawn. Contour lines. Estimating and specifications. Credit 3 hours.

DEPARTMENT OF LANGUAGES AND LITERATURE

AIMS:

1. To train prospective teachers of English and Foreign Language, with a major program offered in English only.
2. To develop within the student habits of good writing and speaking in the English language.
3. To teach students to recognize and appreciate the lasting values in literature.
4. To teach students the values of finding information in printed sources; to show the breadth of outlook and deepened sympathies which come from extensive association with many authors.

5. To provide a fundamental knowledge of the language, literature and culture of a foreign country, and simultaneously to create a foundation for the students who desire concentrated study of a modern foreign language.

MAJOR The Department of Languages and Literature offers

PROGRAM: courses leading to the Bachelor of Arts degree in English. In addition to Freshman and Sophomore English courses (Eng. 101, 102; Eng. 201, 204; Eng. 211, 222), majors in English should complete a minimum of twenty-two (22) semester hours in courses above the Sophomore level. A total of thirty-six (36) semester hours constitute an English major. The course in English Methods may count toward the major.

MINOR Students may pursue three years of French (18

PROGRAM: hours) to represent a minor concentration. A minor program in English consists of twenty-four (24) semester hours.

NOTE: Students majoring in English should minor in French, currently the only modern foreign language offered. All students who major or minor in English must have the approval of the head of the Department of Languages and Literature.

COURSE DESCRIPTION

A. ENGLISH

ENGLISH 100. *Remedial English*. A non-credit course required of all freshmen who fail to earn an acceptable mark on the English Placement test, and may be required in whole or in part of any student who fails to maintain a satisfactory standard in English 101 or 102.

ENGLISH 101. *English Composition and Rhetoric*. Required of all freshmen who have earned acceptable marks on the English Placement test. Aims to encourage the habitual application of the student's knowledge of correctness in language and develop a clear, natural, and easy self-expression. Credit 3 hours.

ENGLISH 102. *English Composition and Rhetoric*. Continuation of English 101. Aims to maintain writing skills developed in English 101, and to develop competence in understanding and in expressing ideas. Prerequisite: English 101. Credit 3 hours.

ENGLISH 201. *Public Speaking*. A study of healthful habits and speaking, the consideration of individual difficulties in speech, and the development of effective speech in everyday discourse. Credit 2 hours.

ENGLISH 202. *Children's Literature*. In this course there is studied the literature which is especially suitable for use in the elementary grades. Considerable emphasis is placed upon the technique of presenting this literature to the child in story-telling, etc. Prerequisites: English 101 and 102. Credit 3 hours.

ENGLISH 203. *Advanced Composition*. A course designed to acquaint students with the study of and practice in various forms of writing. Prerequisite: English 101-102. Credit 3 hours.

ENGLISH 204. *Problems of Voice Training*. Thorough training and practice, designed to improve vocal conditions for all speech purposes. Credit 2 hours.

ENGLISH 211. *Survey of English Literature*. An appreciative study of representative works by the most outstanding English authors, from Chaucer to contemporary writers. Prerequisite: English 101-102. Credit 3 hours.

ENGLISH 222. *Survey of American Literature*. Critical and appreciative study of the major American writers, with attention to the background, tendencies, and movements in the political, social, and literary life in America. Prerequisite: English 101-102. Credit 3 hours.

ENGLISH 232. *World Literature*. Designed to familiarize the student with the literature of other lands and people, to develop a deeper understanding of other nations through their greatest writing, and to encourage wide reading throughout life. Prerequisites: English 101, English 102, English 211 or 222. Credit 3 hours.

ENGLISH 301. *Romanticism*. The principles and ideas of Romanticism as expressed in the works of the principal English writers of poetry and prose from 1798 to 1832. Prerequisite: English 211. Credit 3 hours.

ENGLISH 303. *Victorian Literature*. The works of the principal authors of the Victorian era in relation to the problems of politics, intellectual, and social trends of the period. Prerequisite: English 211. Offered in alternate years. Credit 3 hours.

ENGLISH 312. *Shakespeare*. Analytical study of at least ten of the principal plays of Shakespeare. A study of his life and his relationship to 16th Century literary movements. Offered in alternate years. Credit 3 hours.

ENGLISH 321. *Public Discussion and Debate*. Designed to give the student experience in the techniques of informal discussions and argument. Offered in alternate years. Credit 3 hours.

ENGLISH 331. *Dramatic Interpretation and Acting*. The appreciation, interpretative reading and acting of scenes from the various forms of drama. Especially recommended for those who plan to teach English. Offered in alternate years. Credit 3 hours.

ENGLISH 332. *Journalism*. Theoretical and practical work in recognizing, gathering, and writing news. Discussion and critical evaluation of current journalistic techniques. Offered in alternate years. Credit 3 hours.

ENGLISH 341. *The English Novel*. A study of the novel as a literary type; the genesis of the English Novel, its debt to foreign writers, and its development to the present. Offered in alternate years. Credit 3 hours.

ENGLISH 342. *Stage Craft*. Practical study of the planning, designing and construction of stage setting, lighting equipment, costumes and properties. Actual experience in stage management and make-up. Offered in alternate years. Credit 3 hours.

ENGLISH 352. *Contemporary Literature*. Evaluation of the modern poetry and prose of England and America since 1900. Offered in alternate years. Credit 3 hours.

ENGLISH 412. *History of the English Language*. The major facts concerning the place of English among the languages of the world and the history of its development from the earliest beginnings to the present time. Credit 3 hours.

ENGLISH 421. *Play Directing*. Study and practice in the theory and problems of stage directing. Prerequisite: English 331 or 342. Offered in alternate years. Credit 3 hours.

ENGLISH 432. *History of the Theatre*. Designed to give the student a knowledge of dramatic history in relation to the problems of staging—of the physical theatre and written drama. Offered in alternate years. Credit 3 hours.

B. FRENCH

FRENCH 101. *Elementary French*. The elements of French pronunciation, fundamentals of sentence structure, study of French grammar, vocabulary, verbs, the emphasis during the course being on accomplishing the reading objective. Credit 3 hours.

FRENCH 102. *Elementary French*. Continuation of French 101. Difficult phases of French grammar studied. Increased interest in reading. Credit 3 hours.

FRENCH 201. *Intermediate French*. The elements of French grammar, irregular French verbs, all fifteen tenses in French covered. Emphasis upon both written and reading levels. Credit 3 hours.

FRENCH 202. *Intermediate French*. Continuation of French 201. The subjunctive and conditional sentences mastered. Increase in writing and reading. Much supplementary reading. Credit 3 hours.

FRENCH 301. *Survey of French Literature*. A rapid survey of French Literature from its beginning through 18th Century. Reading from Moliere, Racine, Corneille, Voltaire, Montesquieu, Rousseau. Credit 3 hours.

FRENCH 302. *Survey of French Literature.* Continuation of French 301. French Literature of the 19th and first part of the 20th century. Works of Balzac, Hugo, Maupassant, Loti, Vigny and others read and analyzed. Credit 3 hours.

FRENCH 311. *French Composition.* Emphasis upon the written word. Frequent compositions, illustrating all phases of French grammar. Credit 3 hours.

FRENCH 312. *French Conversation.* Practice in the oral uses of French. Daily conversations on topics of interest. Credit 3 hours.

THE DEPARTMENT OF MATHEMATICS AND PHYSICS

The objectives of the Department of Mathematics are:

- (1) To offer a major in mathematics for those who plan to teach mathematics and prepare for advance study.
- (2) To give the mathematics back-ground for students of science, statistics, and engineering.
- (3) To give a general picture of the important part mathematics has played in the development of civilization in ancient and modern times.
- (4) To present mathematics as a way of thinking; and point out that many of the basic ideals of mathematics have had as their origin man's experience with physical objects.

COURSE DESCRIPTION

MATHEMATICS 101. *College Algebra.* A rapid review of fundamental operations. Introduction to rational real and complex number systems, linear equations, graphs, systems of linear equations, quadratics, ratio and proportions, variations, progressions, logarithms, exponentials, binomial theorem, mathematical induction, permutations and combinations. Credit 3 hours.

MATHEMATICS 102. *Trigonometry.* Definitions and properties of trigonometric functions, right triangle, trigonometric identities, inverse functions, oblique triangles, complex numbers, DeMoivre's Theorem. Credit 3 hours.

MATHEMATICS 114. *Teachers' Arithmetic.* A review of the essentials of arithmetic, development of skills, accuracy, and methods of teaching fundamentals of arithmetic to pupils in the elementary school. Credit 3 hours.

MATHEMATICS 201. *Plane Analytic Geometry.* A study of coordinate systems, straight lines, circles, hyperbola, ellipse, transformation of coordinates, rotations of axis, geometric properties of a locus and general equations of second degree. Prerequisite: Mathematics 101 and 102. Credit 3 hours.

MATHEMATICS 202. *Solid Analytical Geometry.* Direction cosines, coordinate transformation, and quadratic surfaces. Prerequisites: Mathematics 201. Credit 3 hours.

MATHEMATICS 203. *Calculus.* Real numbers, variables, functions and limits, differentiation of algebraic and transcendental functions, Maxima and Minima, differentials, the law of mean, curvature, derivatives of implicit functions. Applications are made to problems in science and engineering. Prerequisites or concurrent Mathematics 201. Credit 3 hours.

MATHEMATICS 204. *Calculus.* A continuation of Mathematics 203. Definite integral, arc lengths, centroids, Taylor formula, partial differentiation, double integrals. Prerequisite: Mathematics 203. Credit 3 hours.

MATHEMATICS 303. *Differential Equations.* This course is designed to meet the needs of students of Pure and Applied Mathematics and Science. Prerequisite: Mathematics 204. Credit 3 hours.

MATHEMATICS 306. *College Geometry.* Geometrical construction, properties of triangle, transversals, harmonic ranges, Cross ratio. Designed for students who expect to teach high school geometry. Prerequisite: Plane Geometry. Lecture and recitation. Credit 3 hours.

MATHEMATICS 313. *Theory of Equations.* Elementary ideas of number fields, general theorem on algebraic equations, solutions of cubic and quartic equations, isolations of roots, approximation to roots, graphs, symmetric functions. Theorems of Sturm and Budan, Graeffe method. Prerequisite: Mathematics 101 and 102. Credit 3 hours.

SCIENCE 201-202. *Introduction to Physical Sciences.* A general course through which the student will become acquainted with the physical phenomena about him and with methods of scientific inquiry through which an intelligent understanding of these phenomena may be attained. Credit 3 hours for each course.

SCIENCE 211. *General Physics.* A general elementary course covering Mechanics, Wave Motion, Heat, Electrostatics. Prerequisite: Mathematics 101 and 102. Credit 4 hours. Laboratory Fee \$1.50 per semester hour.

SCIENCE 212. *General Physics.* A continuation of Science 211. Current electricity, sound, light, and an introduction to atomic structure. Prerequisite: Science 211. Credit 4 hours. Laboratory Fee \$1.50 per semester hour.

SCIENCE 303. *Electricity and Magnetism.* For students who desire to continue the study of electricity and magnetism begun in Science 212. Covering the Theory and Use of electrical equipment, Methods of Measuring Current, power, electromotive force, induc-

tance and capacitance. Prerequisite: Science 212 and Mathematics 204. Credit 3 hours. Laboratory Fee \$1.50 per semester hour.

SCIENCE 221. *Physical Geology*. This course deals with the earth; materials which compose earth; work of glaciers, the ocean, structure of earth; earthquakes; volcanoes and igneous intrusions; mountains and plateau, soils, and ore deposits. The course is designed to give the student a general understanding of the field of physical geology. Credit 3 hours.

DEPARTMENT OF MUSIC

The main objective of all courses offered in the Department of Music is the development of a high level of musicianship in all students enrolling in the department and the preparation of these students for satisfactory teaching of music in the public schools.

Students studying music have excellent opportunities to obtain practical experience from the various vocal and instrument groups—the band, orchestra and student recitals, all of which are integral parts of campus activities. For practice fees, please refer to student fees and expenses.

COURSE DESCRIPTION

MUSIC 101-102. *Public School Music*. A course in the rudiments of Music. A review in note reading and in definition of musical terminology. Credit 3 hours for each course.

MUSIC 110. *Piano*. This course is designed for students who are not skillful enough to select the subject for college credit. Elementary Scales and Finger Studies are stressed, preparing the students for work for credit. No Credit.

MUSIC 111-112. *Applied Music. Piano*. Credit, 1 hour for each course.

MUSIC 141-142. *Applied Music. Organ*. Credit, 1 hour for each course.

MUSIC 151-152. *Applied Music. Voice*. Credit, 1 hour for each course.

MUSIC 161-162. *Applied Music. Violin*. Credit, 1 hour for each course.

MUSIC 201. *Ear Training and Sightsinging*. A study of interval relationship. Sight singing from text and supplementary books. Prerequisite: Music 102. Credit 2 hours.

MUSIC 202. *Ear Training and Sightsinging*. Continuation of 201. Advanced sightsinging. Prerequisite: Music 201. Credit 2 hours.

MUSIC 211-212. *Applied Music. Piano*. Credit 2 hours for each course.

MUSIC 221. *Harmony I*. A study of the fundamental rules of harmony. A study of the harmonies of major and minor keys. Prerequisite: Music 102. Credit 2 hours.

MUSIC 222. *Harmony II*. Continuation of Music 221. A study of inversions.—figured bases and modulations. Prerequisite: Music 221. Credit 2 hours.

MUSIC 231. *Music in Elementary Grades*. Methods of teaching vocal music in grades one to six including the treatment of the child voice — rote singing and sightsinging. Prerequisite: Music 102. Credit 3 hours.

MUSIC 232. *Methods of Teaching in Junior and Senior High Schools*. An analysis of the problems peculiar to these grades. Study of organization of musical organization found in Junior and Senior High Schools. Prerequisite: Music 231. Credit 3 hours.

MUSIC 241-242. *Applied Music. Organ*. Credit 1 hour for each course. Additional work in organ offered upon demand.

MUSIC 251-252. *Applied Music. Voice*. Credit 1 hour for each course.

MUSIC 261-262. *Applied Music. Violin*. Credit 1 hour for each course. Additional work in violin offered upon demand.

MUSIC 271. *Music Appreciation*. A course designed to develop a genuine appreciation of the art of music. Examples of early works through the works of Beethoven are heard. Credit 2 hours.

MUSIC 272. *Music Appreciation*. A continuation of Music 271 with emphasis placed upon the Romantic composers of the 19th century. The music of the "programine" composers and the music of the 20th century. Credit 2 hours.

MUSIC 301-302. *History and Appreciation of Music*. The story of the development of music as an art. Recognition of major works both instrumental and vocal. A comparison of the development of music with that of the other arts. Credit 3 hours for each course.

MUSIC 311-312. *Applied Music. Piano*. Credit 1 hour for each course.

MUSIC 321. *Harmony. Advanced Harmony*. A study of chromatic harmony. A study of altered chords. Prerequisite: Music 222. Credit 2 hours.

MUSIC 322. *Harmony. Advanced Harmony*. An introduction to harmonic analysis and form. Prerequisite: Music 321. Credit 2 hours.

MUSIC 331. *Band and Orchestral Conducting*. A course designed to give the fundamentals of band and orchestral conducting. It gives a survey of band and orchestral literature with attention to arrangement of programs. Prerequisite: Music 222 and 332. Credit 2 hours.

MUSIC 332. Choral Conducting. Designed to acquaint the student with the problems and techniques used in conducting the chorus. Rehearsal routine and selection of repertoire are included. Students are given opportunity to conduct choral organizations of the college. Credit 2 hours.

MUSIC 371-372. Instruments. A study of the string, woodwind, brass, and percussion instruments of the orchestra and band. Required of students interested in band and school orchestra organizations. Credit 1 hour for each course.

MUSIC 411-412. Applied Music. Piano. Credit 1 hour for each course.

MUSIC 421. Counterpoint. Simple counterpoint. The study of the art of combining two or more melodies of equal melodic individuality. A study of the five species of simple counterpoint. Prerequisite: Music 222. Credit 3 hours.

MUSIC 471-472. Orchestration. Arrangement for school orchestra and band. Projects taken from choral and piano composition. Prerequisite: Music 221. Credit 3 hours for each course.

SOCIOLOGY

This department as a part of a larger educational pattern conceives its task as developing attitudes, abilities, and skills within the social disciplines so that those who study herein will lead richer, fuller, and more enjoyable personal lives and make greater contributions to society. To these ends great emphasis is placed upon getting social insight. An adequate understanding of the social structure in its development and modifications is the comprehensive purpose of these disciplines.

Social Science 301-302 must be taken before other major courses in this department. Social Science 431-Social Change, may be taken only by those having had 301-302. Anyone wishing to take social science courses numbered three hundred and above as electives only must have taken Social Sciences 201-202.

Credit in this department will be given for courses in Principles of Accounting, Principles of Insurance, and Principles of Real Estate. These courses are offered in the Department of Business Administration.

COURSE DESCRIPTION

SOCIAL SCIENCE 102. Principles of Geography. The basic principles underlying the science of geography and the human use of resources; the earth's form and movements, climate, land forms, the ocean, soils, vegetation, and minerals. Credit 3 hours.

SOCIAL SCIENCE 201-202. An Introduction to The Social Sciences. This is a survey course, the aim of which is to introduce students to that branch of knowledge which is labeled Social Sciences. The course will be presented in such a manner as to maintain a balance of attention between relationships within the social structure and relationships of that structure to the non-institutional factors that furnish the material for the structure. A swift anthropological survey of the long past is made as a means of establishing an orientation. The setting in which plural living develops is investigated. An analysis of the basic elements of society is made and the essentials of social organization are shown. Illustrative social tensions are examined and some of the dynamic factors in social change are studied. Credit 3 hours each course.

SOCIAL SCIENCE 211. Geography of North America. A regional study of the North American continent with emphasis on the larger geographic regions within the borders of the United States and Alaska. Attention is given (1) the natural resources, (2) economic activities of habitants, (3) significant locational features of each region studied, and (4) the importance of human relations to nature. Credit 3 hours.

SOCIAL SCIENCES 301. Introduction to Sociology. In this course emphasis is placed upon social relationships as the focus in sociology. The nature of society is investigated. The approach is conceptual. The essential concepts for society analysis are clarified so as to give precision of scientific reference. The psychological foundation of social relationship, the fundamental sociological question, and the relation of individuality to sociality will be set forth. The outer conditions on which social life depends and the nature of that dependence will be considered. An analysis of the social structure will be made in terms of the specific organizations and their functions and in terms of the forces which sustain the structure. Credit 3 hours.

SOCIAL SCIENCE 302. Introduction to Sociology. A continuation of Social Science 301. Social Science 301 and 302 are required for all taking Sociology as a first or second major. Social Science 301 is prerequisite to other courses in the field of Sociology. Credit 3 hours.

SOCIAL SCIENCE 303. Cultural Anthropology. This course is designed to acquaint the student with the general processes in the development of culture irrespective of time and place, and to point out some of the main relationships between culture and personality. Credit 3 hours.

SOCIAL SCIENCE 304. Minority Groups. The primary aim of this course is to present the history and present status of each minority. The main topics to be treated are the meaning and status of minorities, our minority peoples, activities of minority groups, racial and cultural conflicts and education, and trends toward a cultural democracy in America. Credit 3 hours.

SOCIAL SCIENCE 308. *Introductory Social Statistics.* Introduction to the logic and use of statistics as a method of analyzing sociological problems. Lecture and Laboratory. Credit 3 hours.

SOCIAL SCIENCE 331. *Rural Sociology.* An introduction to the theories, principles, and practices of rural society. Emphasis upon variables and similarities with respect to total society. Methods and techniques for the investigation of rural life. Credit 3 hours.

SOCIAL SCIENCE 342. *Social Disorganization.* The forms of deviant social behavior; theories of deviant social status and corresponding methods of treatment. Credit 3 hours.

SOCIAL SCIENCE 401. *Social Psychology.* A study of the individual in the group situation. The social functions of language, the problems of the variations among human beings, the social interaction and personality developments are major topics which form the content of this course. Credit 3 hours.

SOCIAL SCIENCE 403. *Introduction to Social Work.* This course is designed to develop an introductory appreciation of the history, development and treatment skills of Social Technology. It includes the various requirements for entrance and training in professional social work. Field trips. Prerequisite: Nine major hours in Social Science. Credit 3 hours.

SOCIAL SCIENCE 423. *Criminology.* A study of general knowledge as to crime and delinquency, of comparative theories and practices, with special units on the professional criminal and white collar crime. Emphasis upon the several departures in the treatment of special forms of deviant behavior. Credit 3 hours.

SOCIAL SCIENCE 431. *Social Change.* Open to seniors only. The social structure in its modifications through time. Relationship to the biophysical, the cultural, and the technological orders. Credit 3 hours.

SOCIAL SCIENCE 441. *Marriage.* This course is designed for those who are preparing for marriage and for the married who are concerned with achieving a higher level of happiness and success in their marriage. The purpose is to present scientific knowledge which exists about male selections, the courtship process, and the adjustment problems of marriage. Among the topics to be considered are: Meaning of successful marriage, basic reasons for marrying, and for not marrying; analysis of the courtship process, the legal aspect of marriage, analysis of marriage adjustments, family planning, sex education. Credit 3 hours.

EXTENSION INSTRUCTION

PURPOSE

Kentucky State College through extension instruction seeks to provide study for adults who have not pursued all or part of a college curriculum, or having had a part of it, desire to continue such a curriculum.

THE CURRICULUM. The courses offered in extension differ little, if at all, from those required of the regular students of the college. The general rule is to offer through extension only what is found in the general program of the college, especially if credit toward a degree is involved.

THE FACULTY. The ordinary practice is to engage members of the regular teaching staff for extension instruction on the basis of additional compensation.

TEXTBOOKS. Usually the ordinary college textbooks are used for extension classes, but occasionally there is a substitution of a textbook in which the materials are given a more popular or less technical treatment.

PROCEDURE. It is understood that extension classes are to meet at times and places most convenient for the students and instructors, such places to be furnished by the extension students. Certain classes may be held on the college campus without additional cost to the students.

FEES AND CREDIT. The extension student enrolls separately for each course he wishes to pursue, and pays for it as a unit. Credit is based on an hour for hour plan as in residence, and extension classes must conform as nearly as practicable to the semester organization of the institution. The general tuition fee is \$22.50 for one semester hour. The minimum total tuition fees collected from any one extension class is \$150.00. Each student when enrolling must pay a \$5.00 registration fee. Extension credits are recorded in the office of the College Registrar. Fees are payable at the organization meeting of the class. In no case may a class meet the third time until the entire class payment is made. No fees will be refunded.

EXAMINATION. Final examinations are always required where credits or certificates are sought.

APPLICATION FOR EXTENSION CLASSES. All correspondence pertaining to the organization of extension classes should be addressed to the Dean of the College.

CORRESPONDENCE COURSES

Kentucky State College cooperates with the University of Kentucky (Lexington) in offering extension and correspondence courses. For further information write "The Department of University Extension, University of Kentucky."